

# THE DAILY WEATHER REPORT

Egypt - METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT  
SYNOPTIC CHARTS

QC  
991  
E3  
D3  
1954  
(June)  
Charts

## EXPLANATIONS:

### CHARTS 1 & 2 (Surface Charts)

SCALE 1:20,000,000; Projection Conical orthomorphic with two standard parallels 30° & 32° N.

**BAROMETRIC PRESSURE:** M. S. L. Isobars are drawn every 2 millibars.

**WIND:** Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station.

**TEMPERATURE:** In whole degrees centigrade inserted inside the station circle.

**CLOUD SYMBOLS:** (Total amount N. octas)

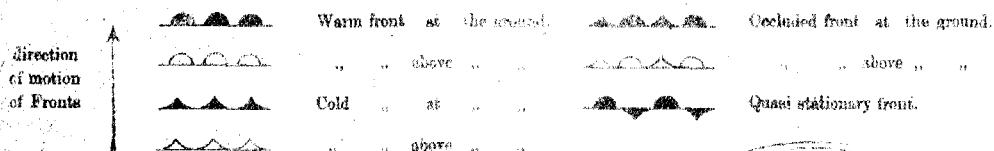
- |  |                            |  |                            |  |                            |
|--|----------------------------|--|----------------------------|--|----------------------------|
|  | sky $\frac{1}{8}$ covered. |  | sky $\frac{1}{8}$ covered. |  | sky $\frac{1}{8}$ covered. |
|  | sky $\frac{4}{8}$ covered. |  | sky $\frac{5}{8}$ covered. |  | sky $\frac{6}{8}$ covered. |
|  | sky $\frac{7}{8}$ covered. |  | sky $\frac{8}{8}$ covered. |  | sky obscured               |

**PRESENT WEATHER SYMBOLS:** Inserted to the left of station circle.

\$	Rising sand.	-S-	Sand or Duststorm.	=	Mist	-	Fog	-	Haze
.	Drizzle.	-o-	Rain.	%	Showers of Rain.	-	Showers of Hail.	%	Showers of Snow.
<	Lightning.	-R-	Thunderstorm.	*	Snow.				

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

**FRONTS:** Or surfaces of separation between different air masses.



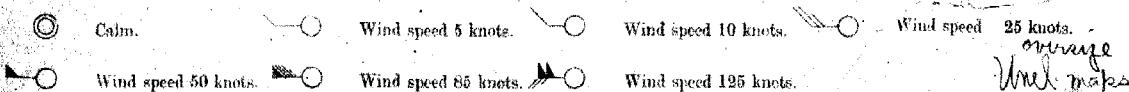
### CHARTS 3 & 4 (Upper Air Charts)

SCALE 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms ... ... ... °C. (Broken lines).

**WIND:** Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.



**TEMPERATURE:** In whole degrees centigrade.

107 532



overage  
Unl. marks

**National Oceanic and Atmospheric Administration**

**Environmental Data Rescue Program**

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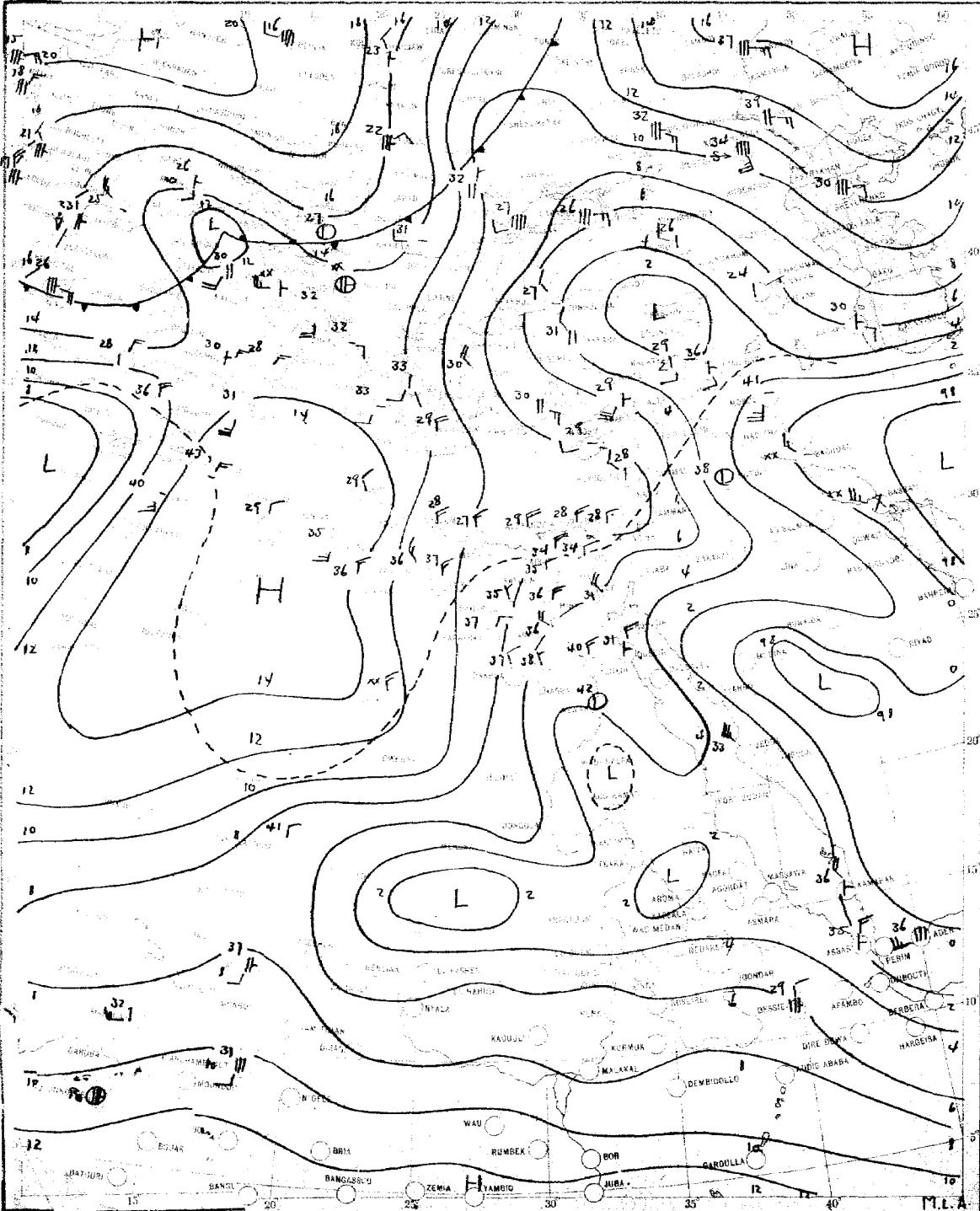
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Information Manufacturing Corporation  
Imaging Subcontractor  
Rocket Center, West Virginia  
September 14, 1999

SCEAIRC 1

DATE Tuesday 29/6/1964 TIME 1200

E.T.



SCALE 1:20,000,000

CHART 2

DATE Wednesday 30/6/61 1961 TIME 0600

0600

UT

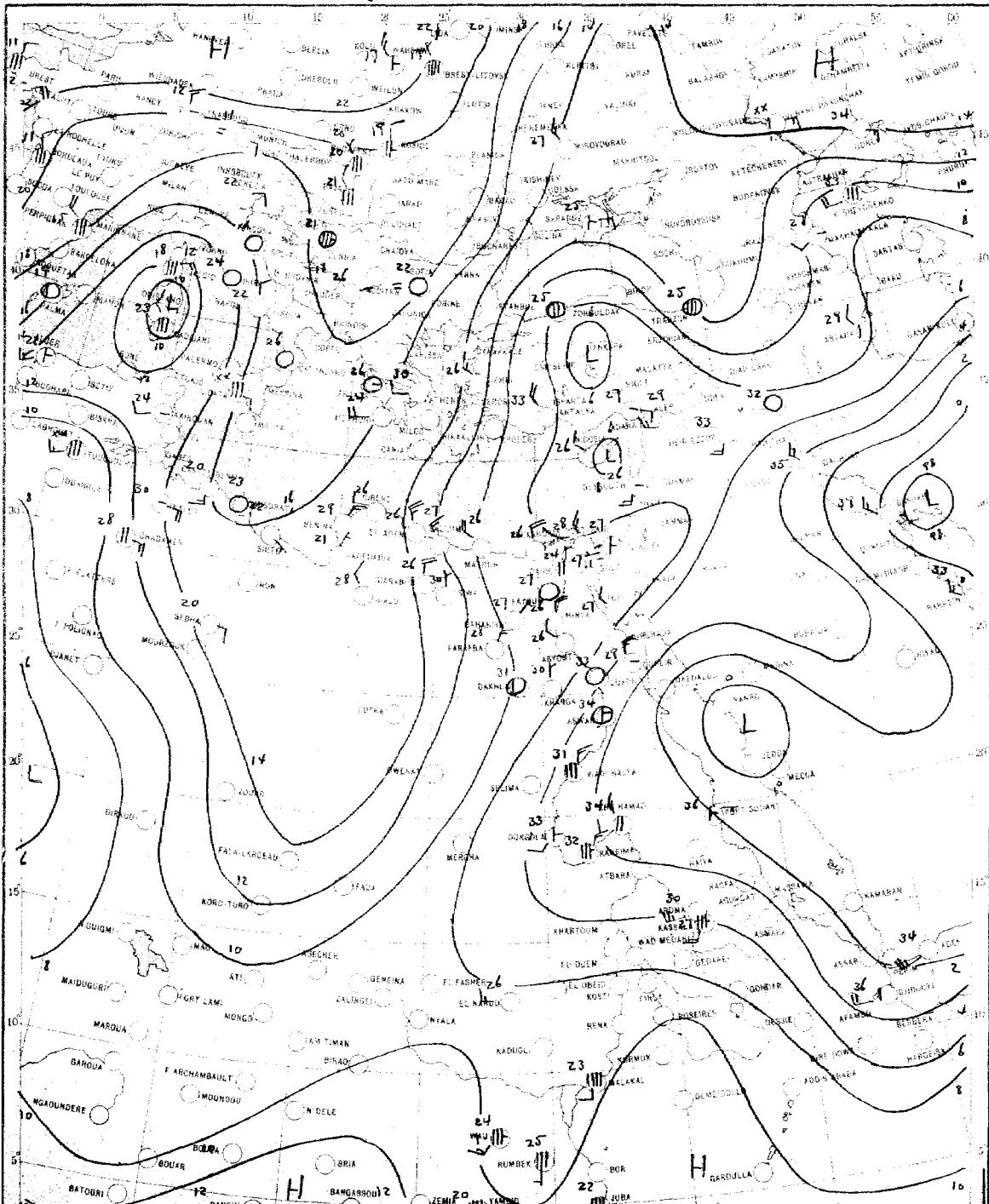


CHART 3

700 MB

DATE 30/16/54

TIME 0300 U.T.

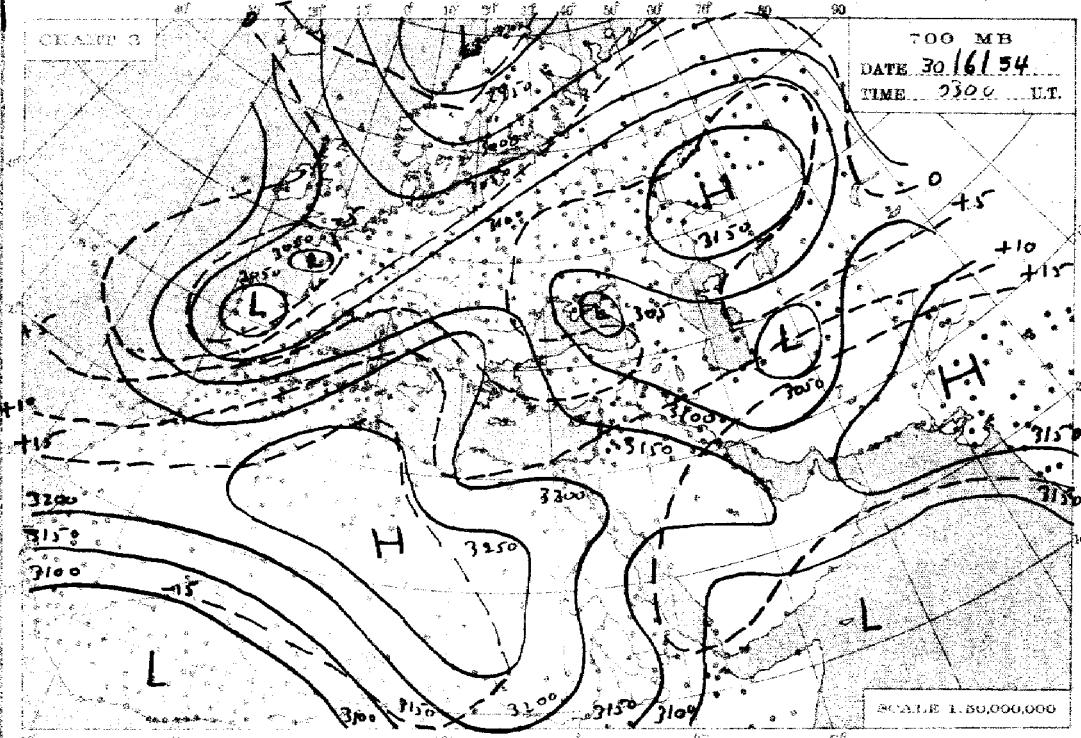
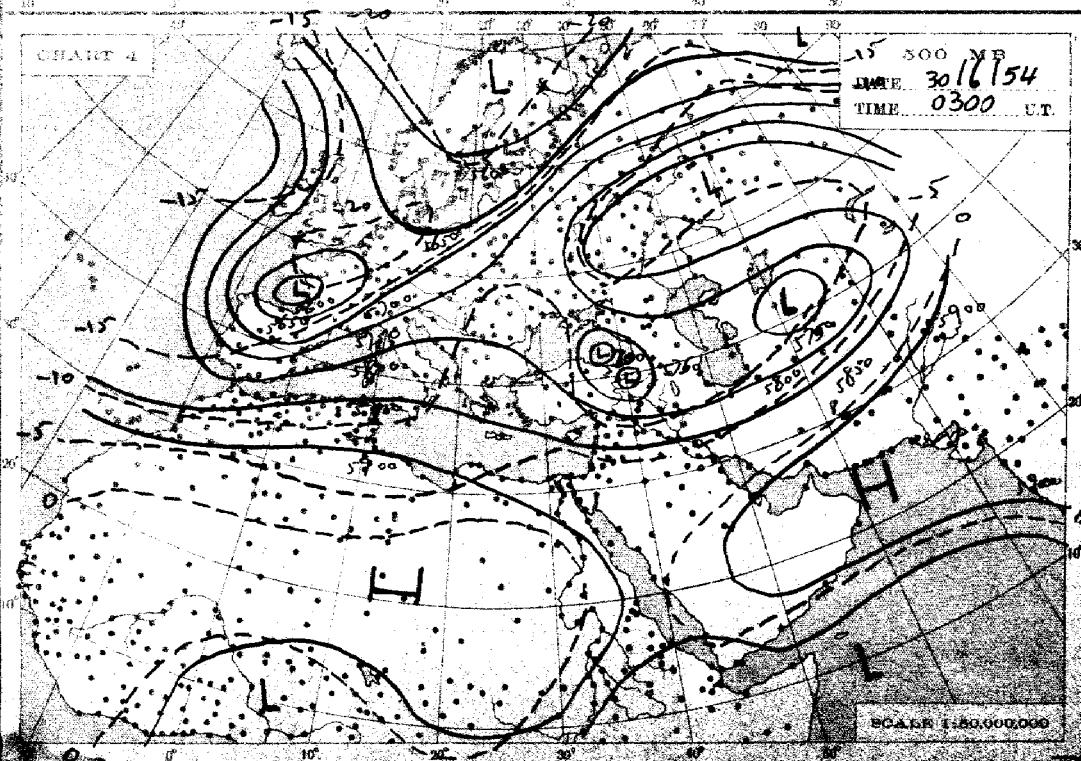


CHART 4

15 500 MB

DATE 30/16/54

TIME 0300 U.T.



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT  
SYNOPTIC CHARTS

## EXPLANATIONS:

### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:20,000,000; Projection Conical orthomorphic with two standard parallels 30° & 60° N.

BAROMETRIC PRESSURE: M. S. L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station. 

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N. octas)

 clear sky.

 sky 1/8 covered.  sky 2/8 covered.  sky 3/8 covered.

 sky 4/8 covered.  sky 5/8 covered.  sky 6/8 covered.

 sky 7/8 covered.  sky 8/8 covered.  sky obscured.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

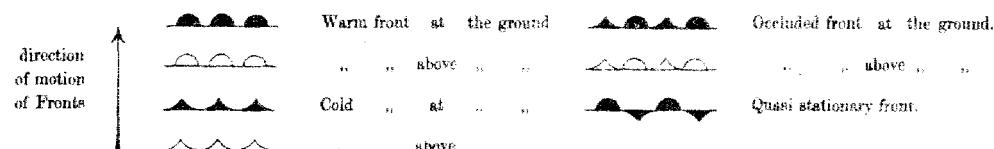
 Rising sand.  Sand or Duststorm.  Mist.  Fog.  Haze.

 Drizzle.  Rain.  Showers of Rain.  Showers of Hail.  Showers of Snow.

 Lightning.  Thunderstorm.  Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.



### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms .. .. .. 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

 Calm.

 Wind speed 5 knots.

 Wind speed 10 knots.

 Wind speed 25 knots.

 Wind speed 50 knots.

 Wind speed 65 knots.

 Wind speed 125 knots.

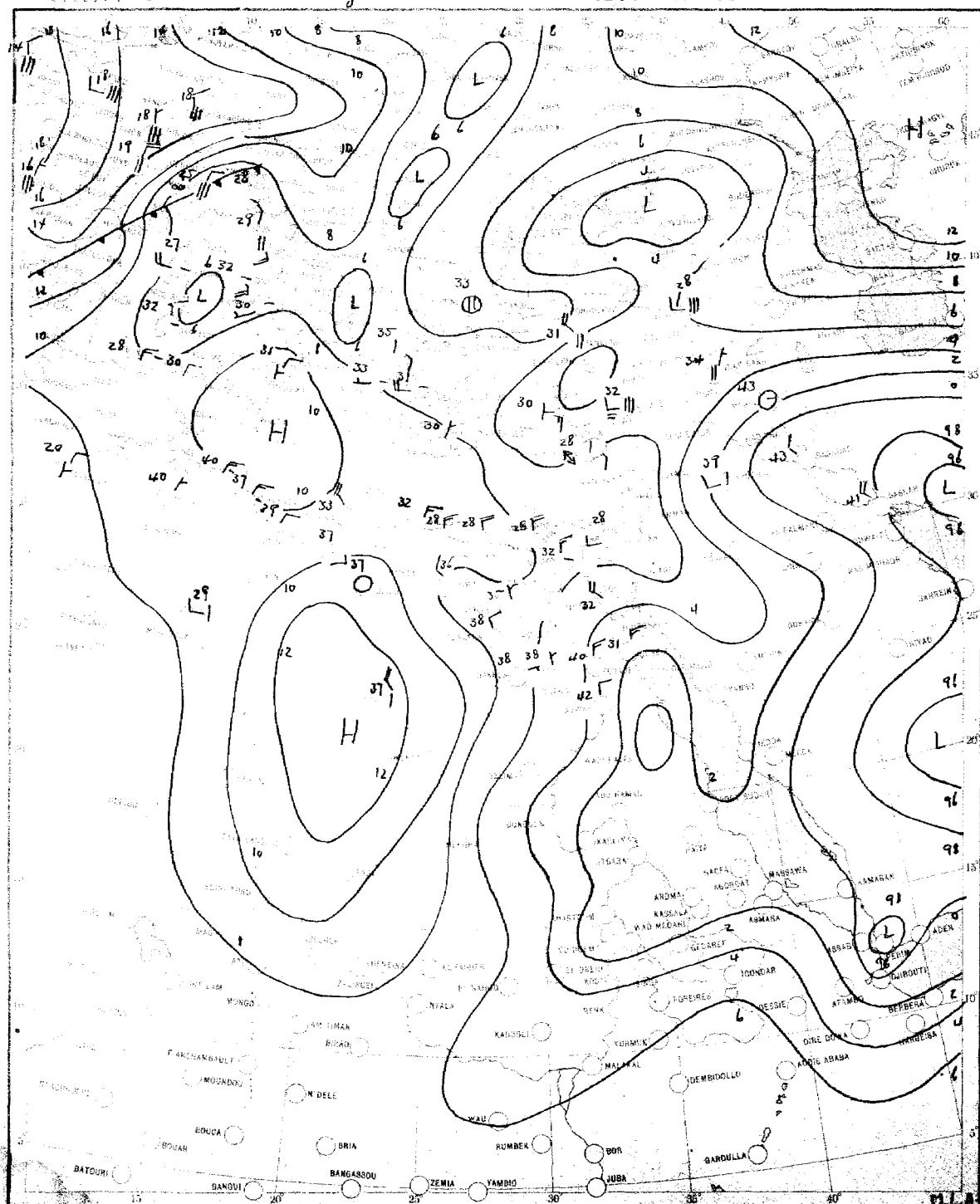
TEMPERATURE: In whole degrees centigrade

CHART NO. 1

DATE Monday 28/6/61 0000 TIME

1200

UT

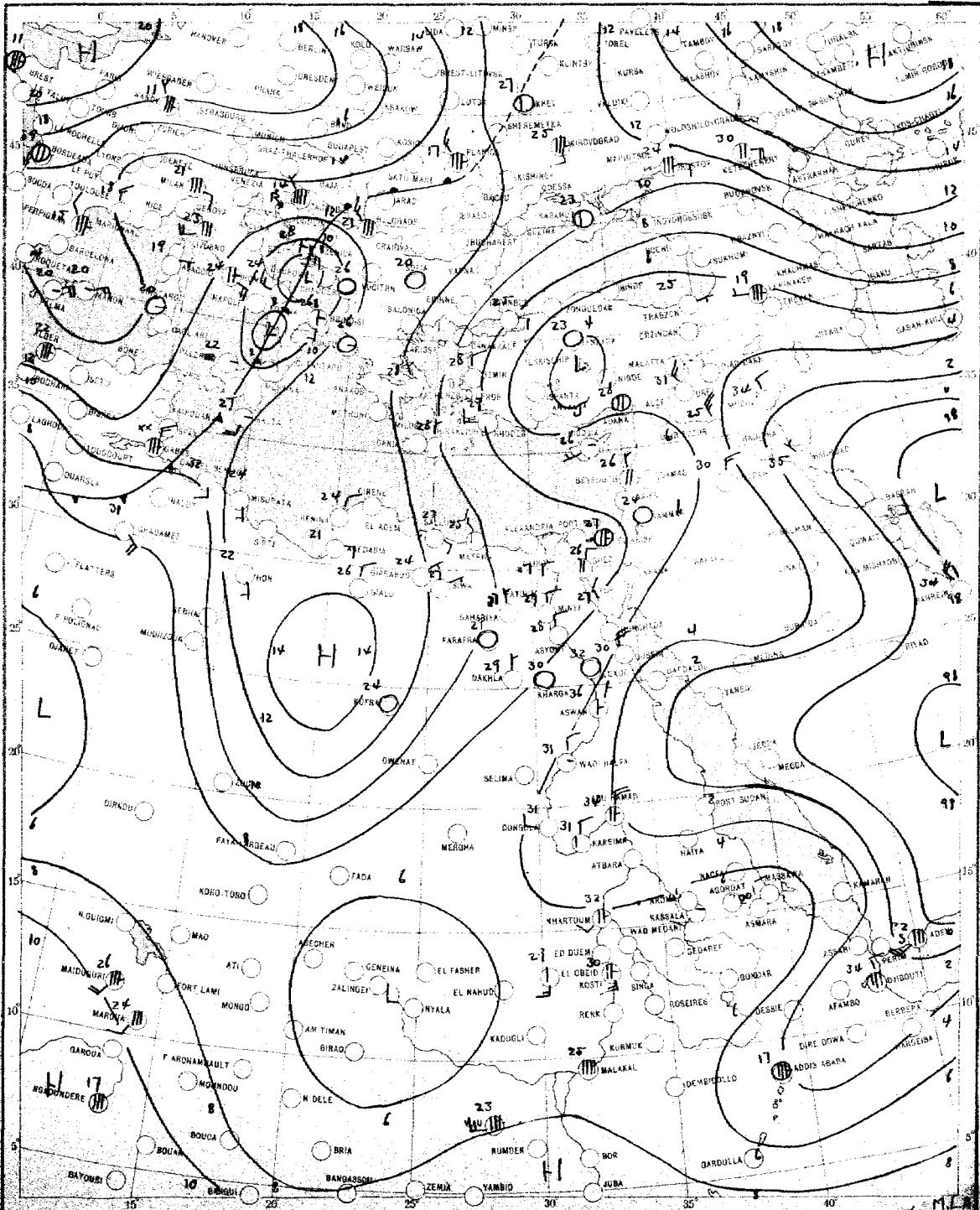


SCALE 1:20,000,000

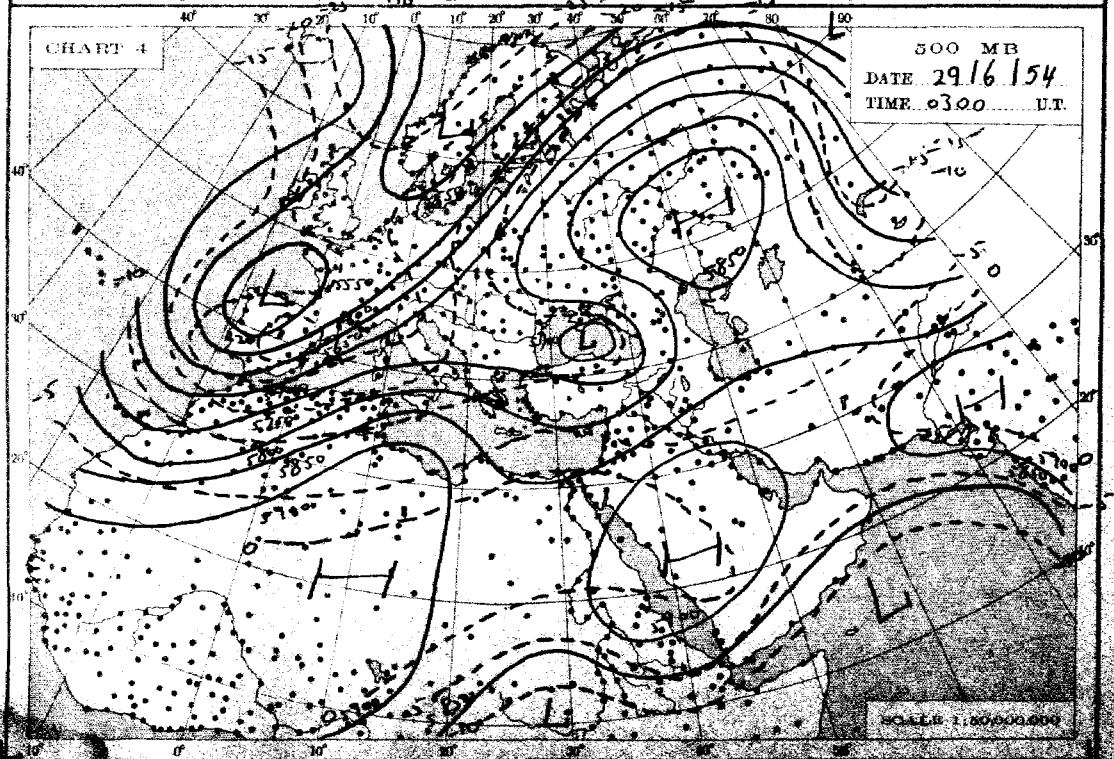
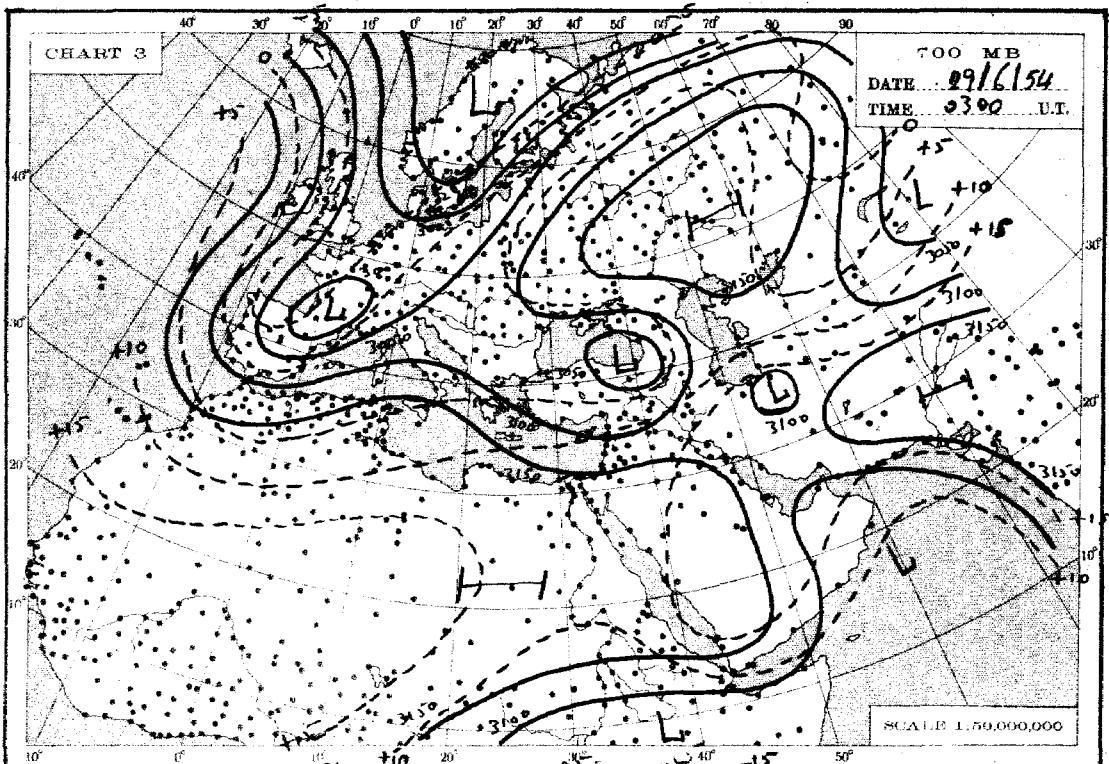
CHART 2

DATE Tuesday 29/6/1 TIME 0600

UT



SCALE 1:20,000,000



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE 1:20,000,000: Projection Conical orthomorphic with two standard parallels 30° & 60° N.

BAROMETRIC PRESSURE M. S. L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station.

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N. octas) clear sky.

sky 1/8 covered. sky 2/8 covered. sky 3/8 covered.

sky 4/8 covered. sky 5/8 covered. sky 6/8 covered.

sky 7/8 covered. sky 8/8 covered. sky obscured.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle

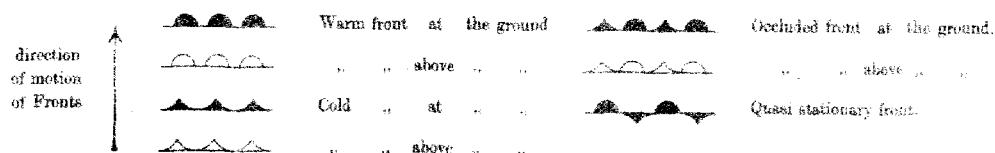
Rising sand. Sand or dust storm. Mist. Fog. Faze.

Drizzle. Rain. Shower of Rain. Showers of Hail. Showers of Snow.

Lightning. Thunderstorm. Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE 1:50,000,000: Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitude (Continuous lines).

Isotherms " " " " 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

Calm. Wind speed 5 knots. Wind speed 10 knots. Wind speed 25 knots.

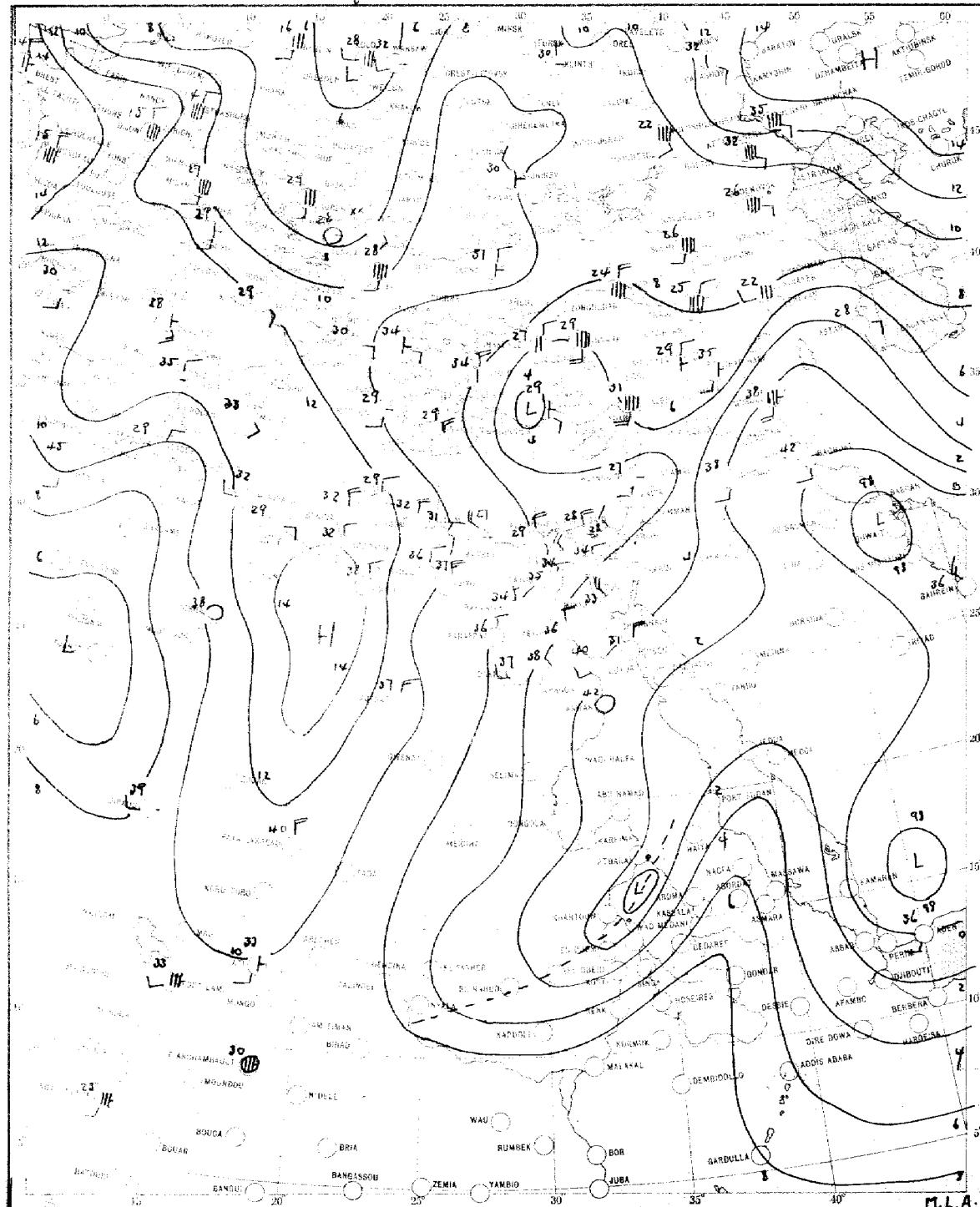
Wind speed 50 knots. Wind speed 85 knots. Wind speed 125 knots.

TEMPERATURE: In whole degrees centigrade

## CHART 1

DATE Sunday 27/6/1954 TIME 1200

U.T.



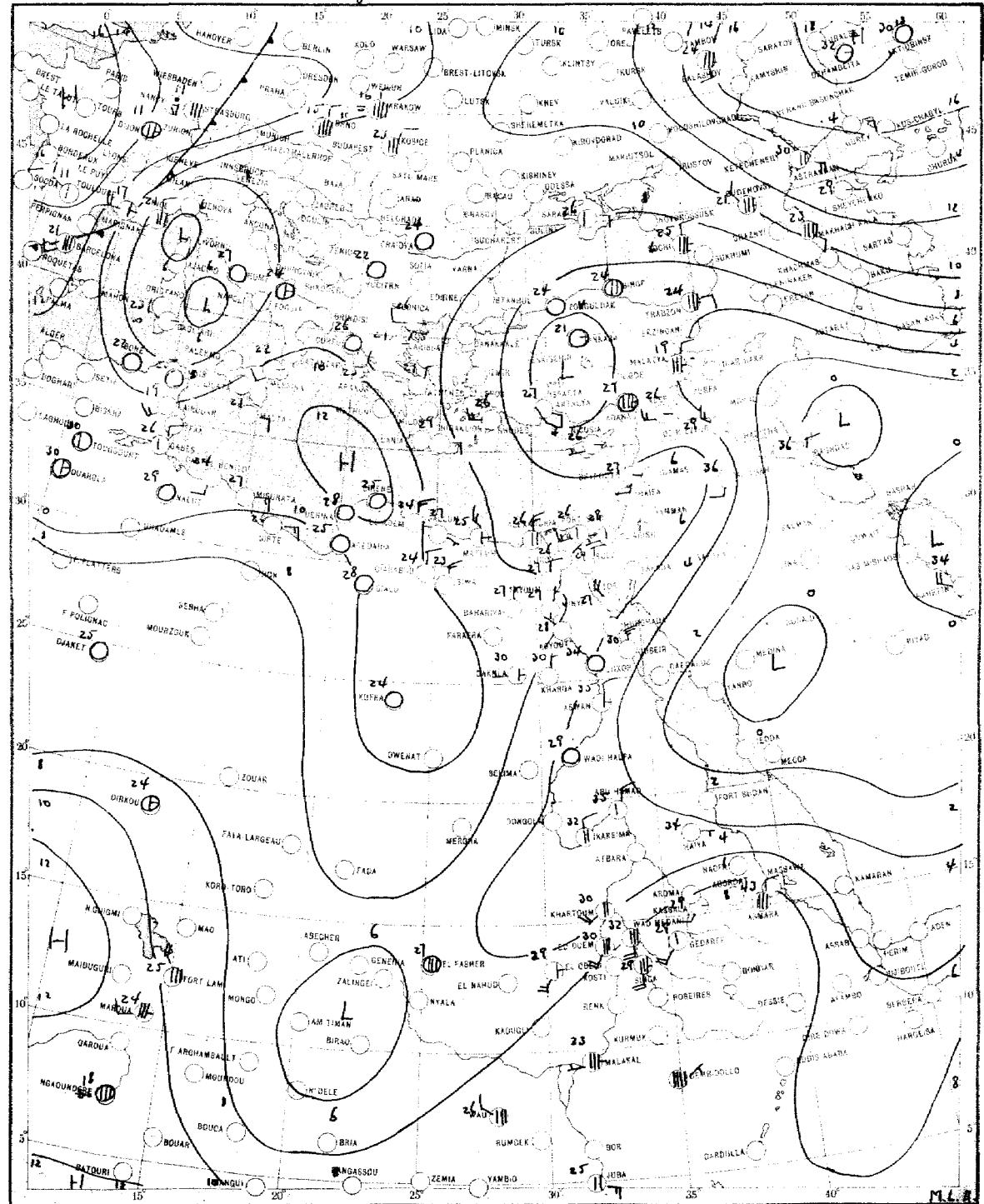
SCALE 1:20,000,000

M.L.A.

CHART 2

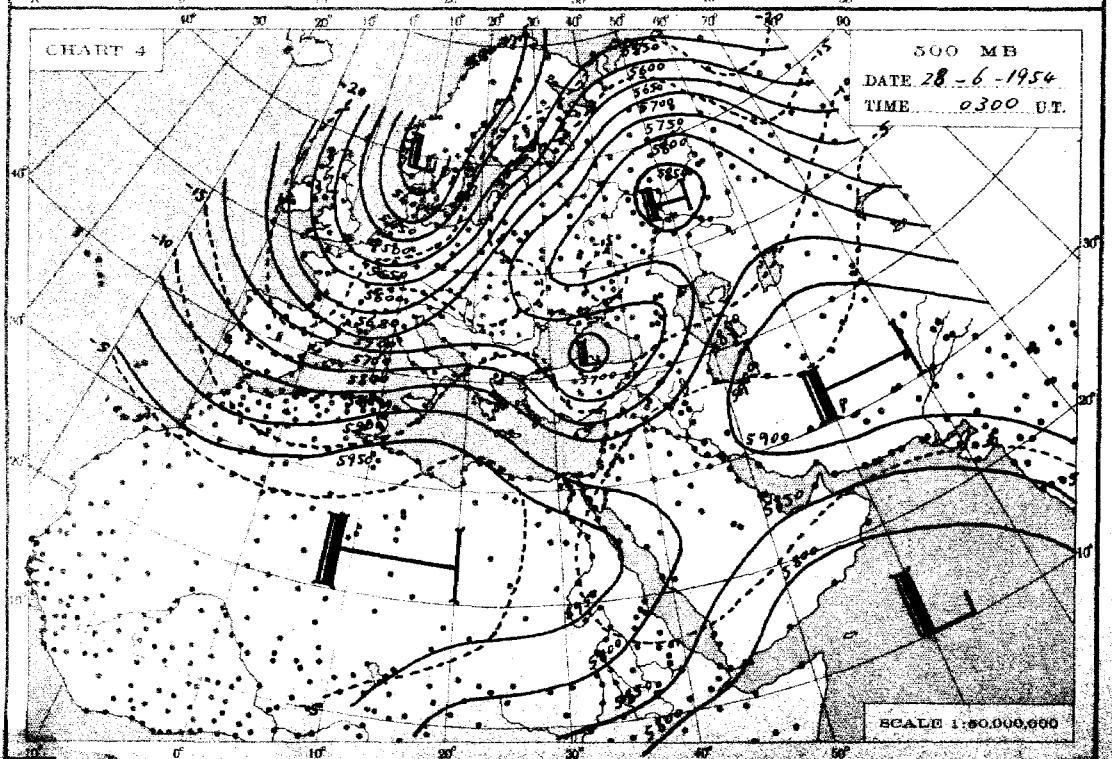
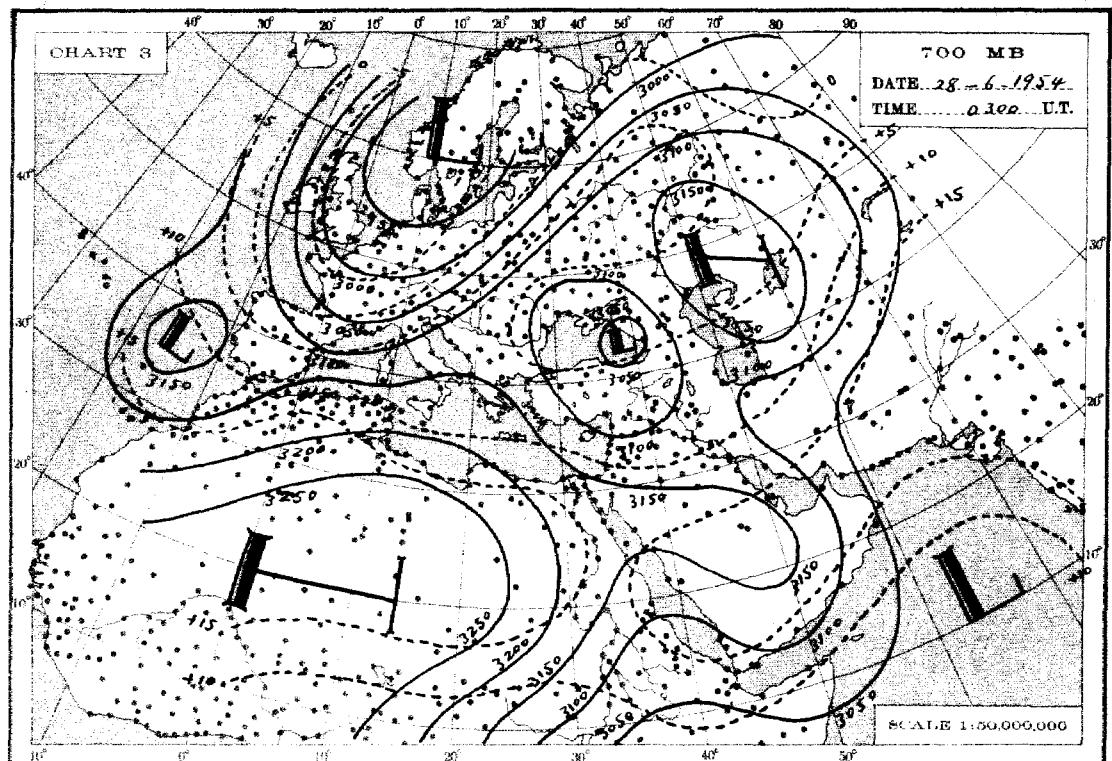
DATE Monday 28/11/1954 TIME

0600 U.T.



SCALE 1:20,000,000

M.L.B.



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:4,000,000. Projection Central orthographic with one standard parallel 30° E.G.L.

BAROMETRIC PRESSURE: M.H.L. Indicated on every 3rd latitude.

WIND: Arrows fly with the wind. A full-length feather indicates 8 knots on the Beaufort scale, and a short feather one knot. Calm is indicated by a circle inside the station circle.

TEMPERATURE: In whole degrees centigrade except inside the station circle.

<u>CLOUD SYMBOLS:</u>	Amount of clouds	○	clear sky
○	sky 1/4 covered	○	sky 1/2 covered
○	sky 3/4 covered	○	sky 4/5 covered
○	sky 5/6 covered	○	sky 6/7 covered

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

Symbol	Name or Description	Mist	Rain	Fog	Snow	Drizzle	Rain
+	Drizzle	*	rain	*	showers of rain	*	showers of drizzle
◆	Drizzle	*	rain	*	showers of drizzle	*	showers of snow
○	Drizzling	*	Thunderstorms	*	Snow	*	

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: On surfaces of separation between different air masses.

A		Warm front at the ground		Gradual front at the ground.
frontal surface of inci- sion in front		Front above the surface		Front above the surface
		Cold front at the surface		Quick moving front
		Cold front above the surface		

#### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000. Projection (same as Charts 1 & 2).

Contours are drawn every 5° c.p.m. of Altitudes (Continuous lines).

Isotherms (broken lines) 5° C. (Broken lines).

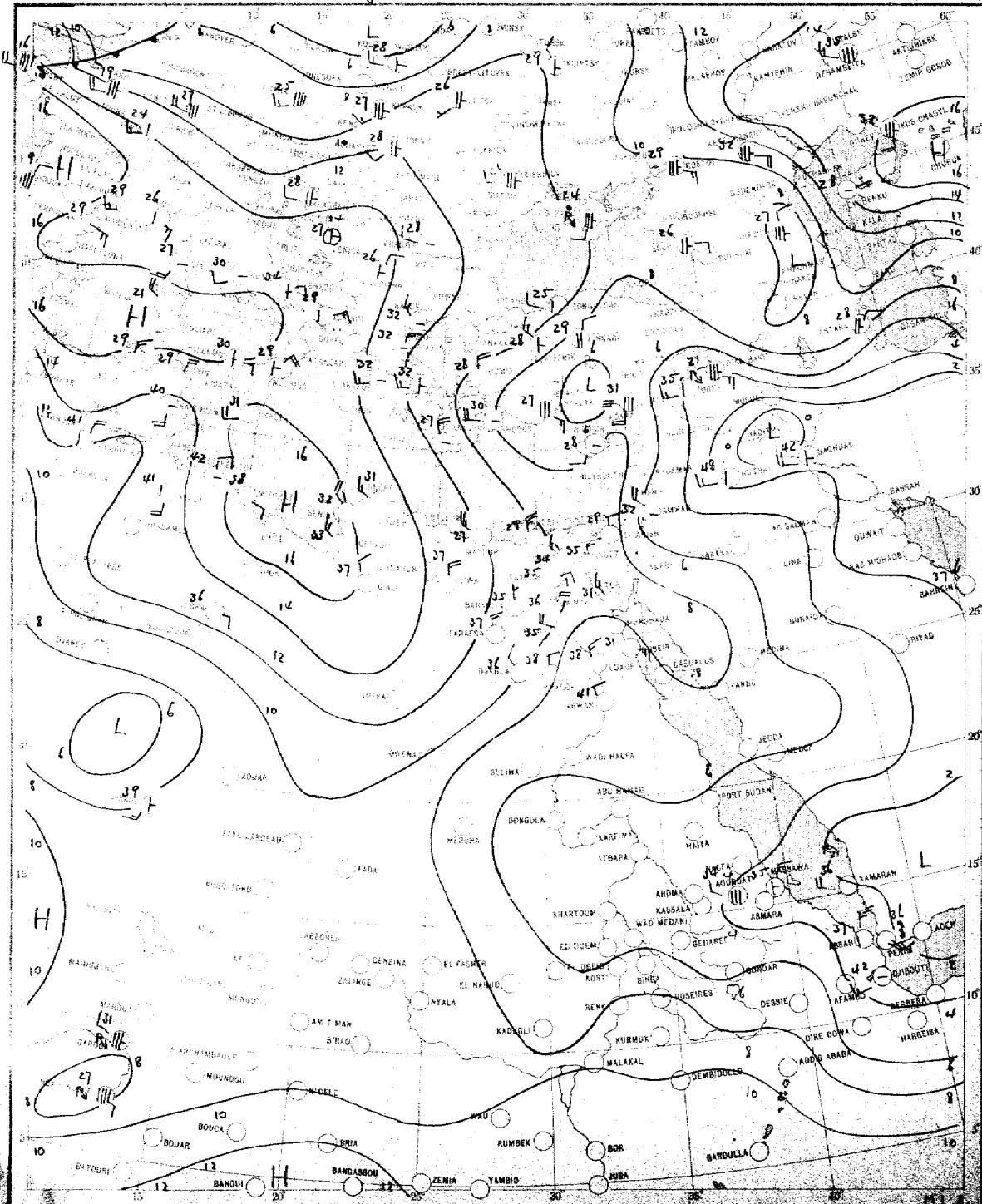
WIND: Arrows fly with the wind. A full-length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

○	Calm.	○	Wind speed 5 knots.	○	Wind speed 10 knots.	○	Wind speed 20 knots.
○	Wind speed 50 knots.	○	Wind speed 85 knots.	○	Wind speed 125 knots.	○	

TEMPERATURE: In whole degrees centigrade

CHART 1

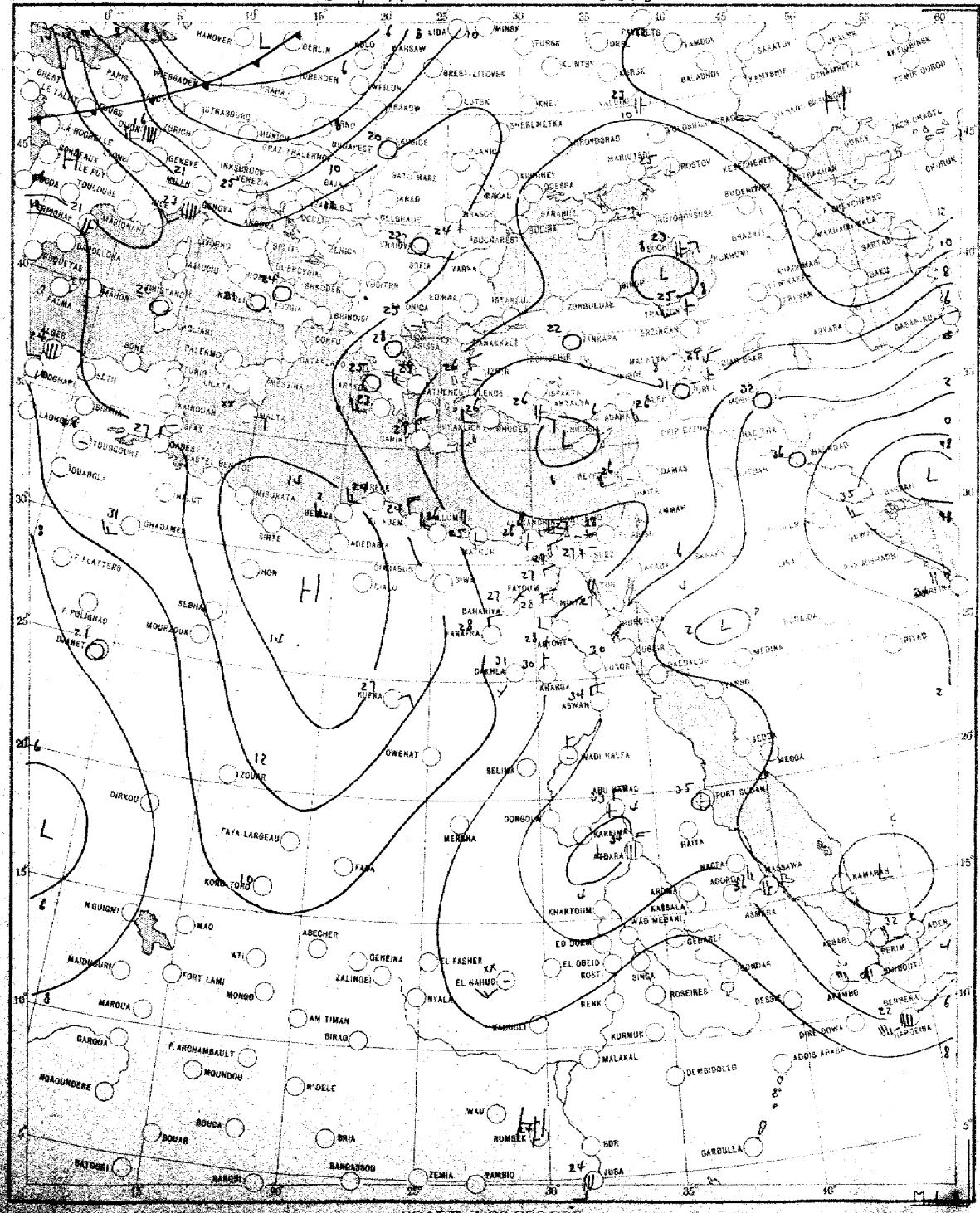
DATE Saturday 26/6/1964 TIME 1200 U.T.



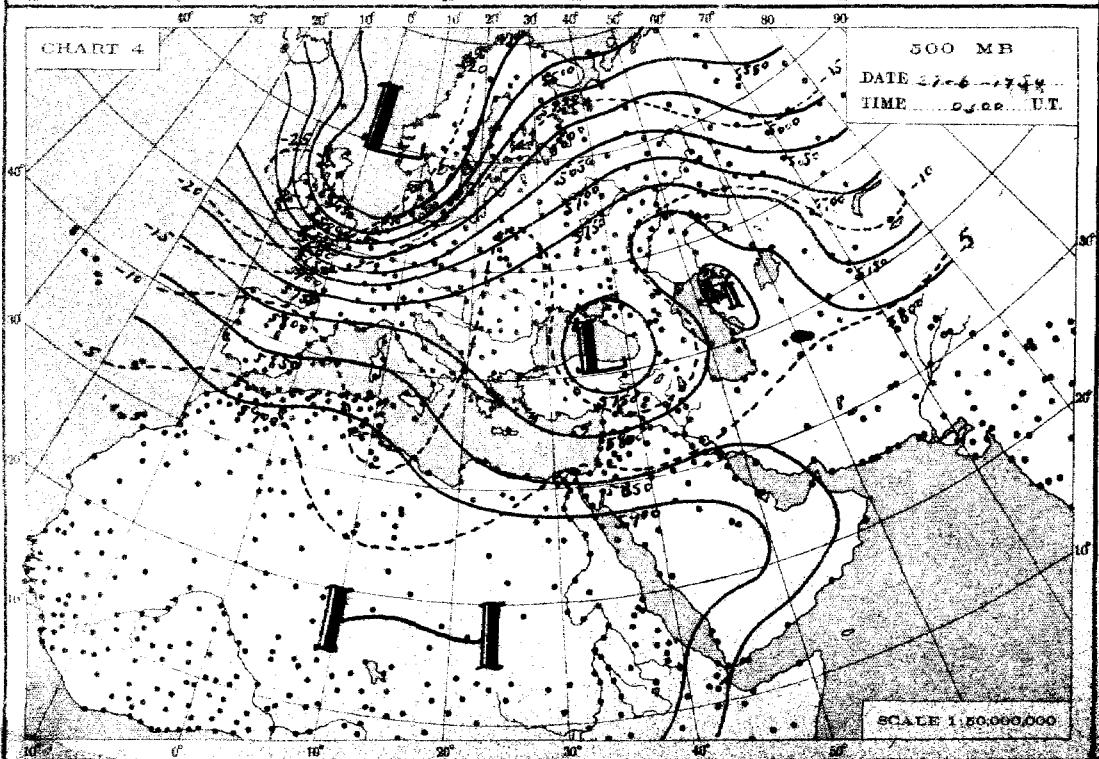
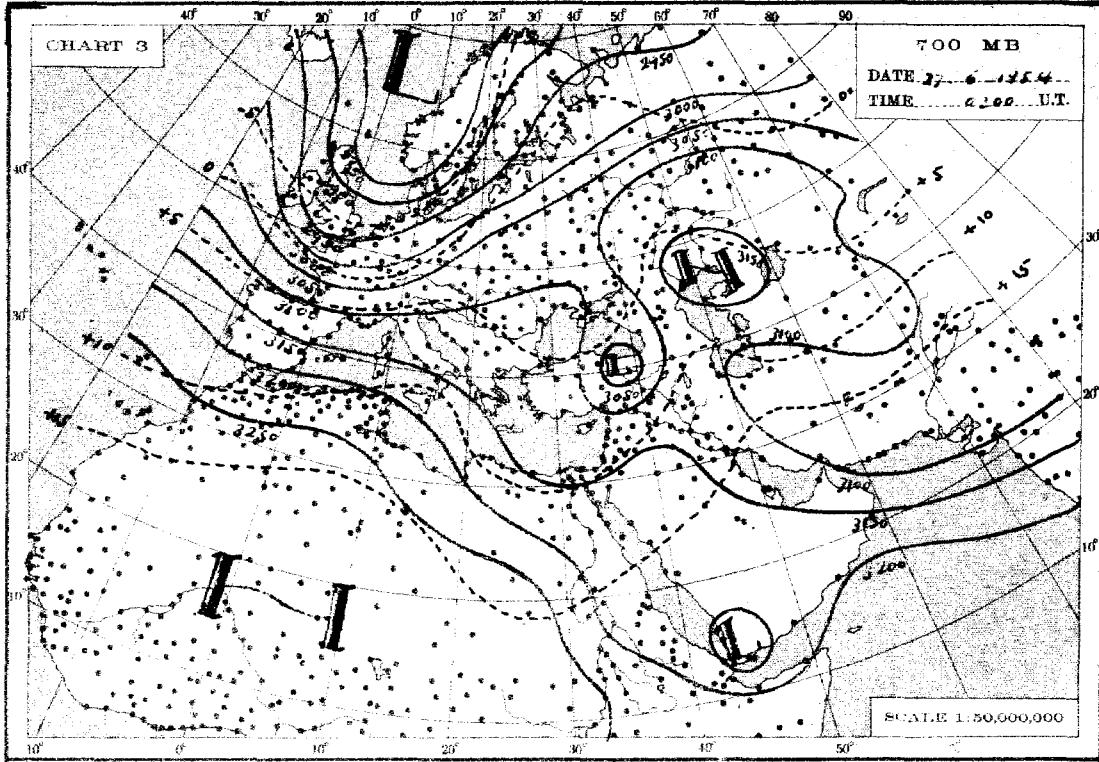
SCALE 1:150,000,000

CHART 2

DATE Sunday 27/6/1964 TIME 0600 U.T.



SCALE 1:20,000,000



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

Scale: 1 in = 100 miles. Projection: Conformal with the standard meridians.

**MAPS OF AIR PRESSURE**: The contour lines are called Isobars.

**WIND**: Arrows show direction and speed of wind. A short arrow indicates 10 miles per hour, and each longer arrow indicates 10 times as much.

**TEMPERATURE**: Shows the temperature at different stations.

**CLOUD SYMBOLS**: Indicate the type of clouds.

Broken clouds. Scattered clouds.

Few clouds. Isolated clouds.

Scattered cumulus clouds. Scattered cumulonimbus clouds.

**PRECIPITATION**: Arrows show the direction of the precipitation.

Symbol	Description	Symbol	Description	Symbol	Description	Symbol	Description
	Drizzle		Rain		Snow		Sleet
	Freezing rain		Freezing drizzle		Freezing snow		Freezing sleet
	Freezing rain		Freezing drizzle		Freezing snow		Freezing sleet

Note: These symbols show the nature of the phenomena, but not its intensity or duration.

**FRONTS**: Indication of separation between different air masses.

Symbol	Waves front on the ground	Symbol	Waves front on the ground
	Stationary front		Cold front
	Warm front		Occlusion
	Stationary front		Cyclone

#### CHARTS 3 & 4 (Upper Air Charts)

Scale: 1,00,000 km. Projection: Same as Charts 1 & 2.

Contours are drawn every 500 m. of Altitude (isopleths, dots).

Isotherms:  $0^{\circ}\text{C}$ ,  $5^{\circ}\text{C}$ ,  $10^{\circ}\text{C}$  (Breaker lines).

**WIND**: Arrows fly with the wind. A full length feather indicates 10 miles, and a short feather 5 miles. Wind is indicated by a circle outside the station.

Calm.

Wind speed 5 knots.

Wind speed 10 knots.

Wind speed 25 knots.

Wind speed 50 knots.

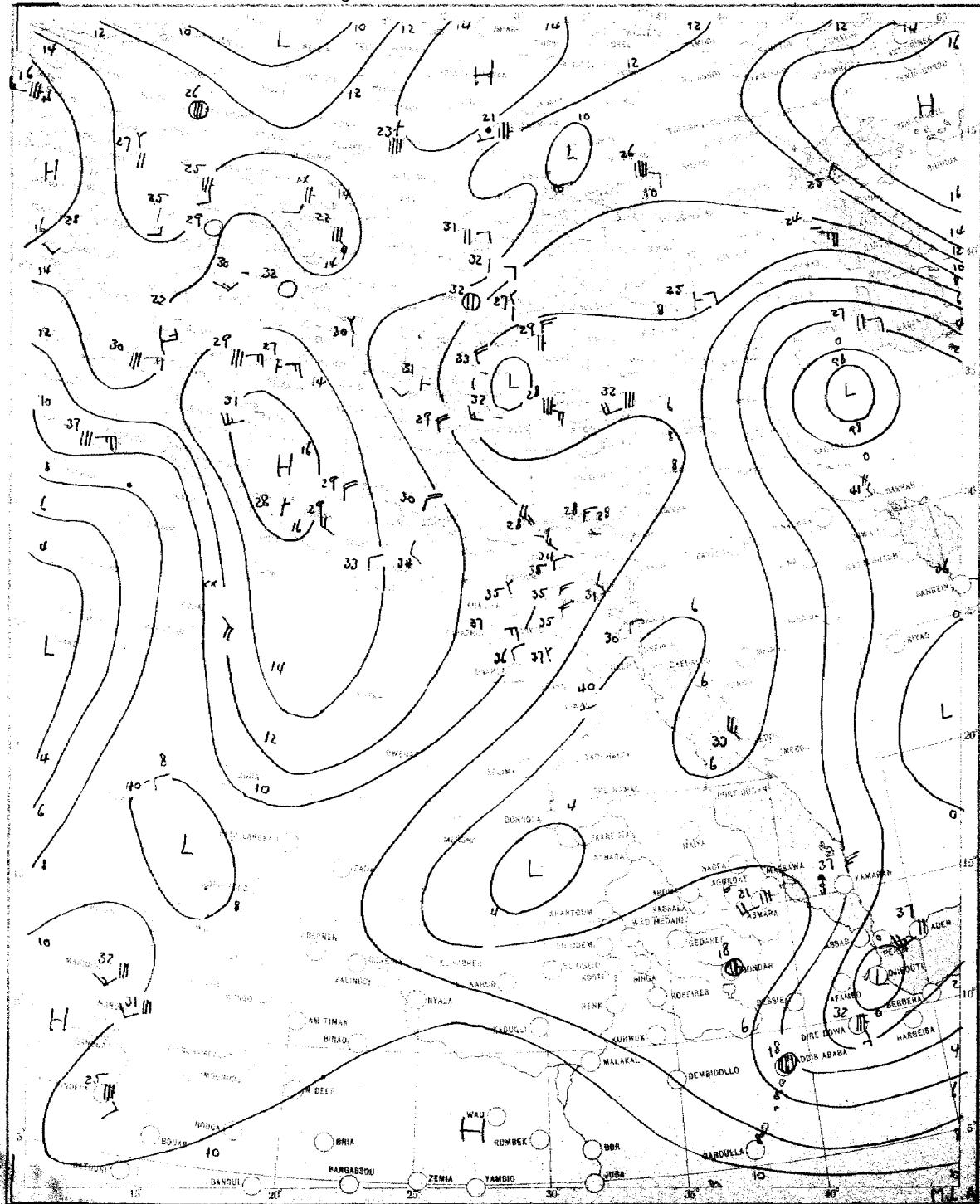
Wind speed 85 knots.

Wind speed 125 knots.

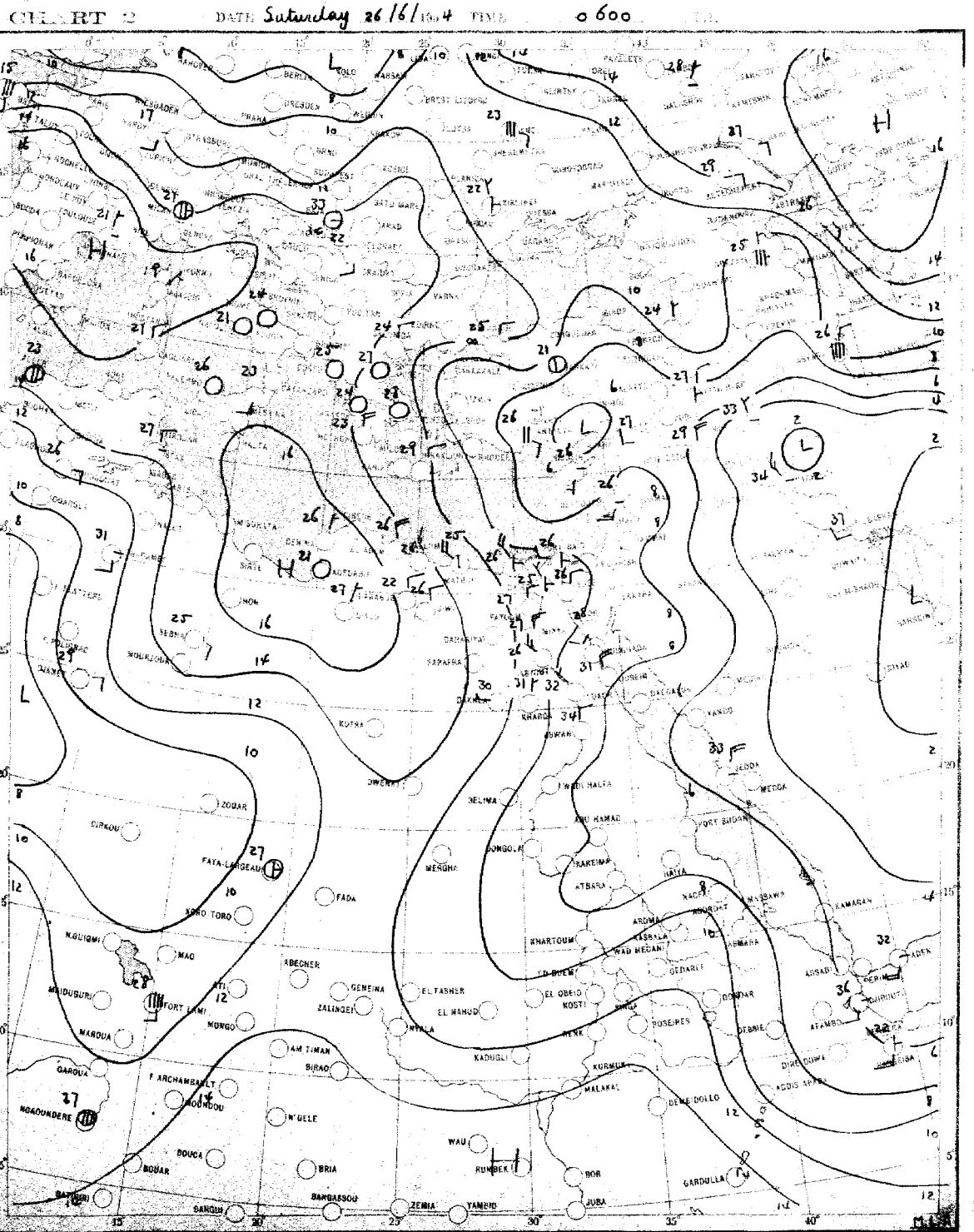
**TEMPERATURE**: In whole degrees centigrade.

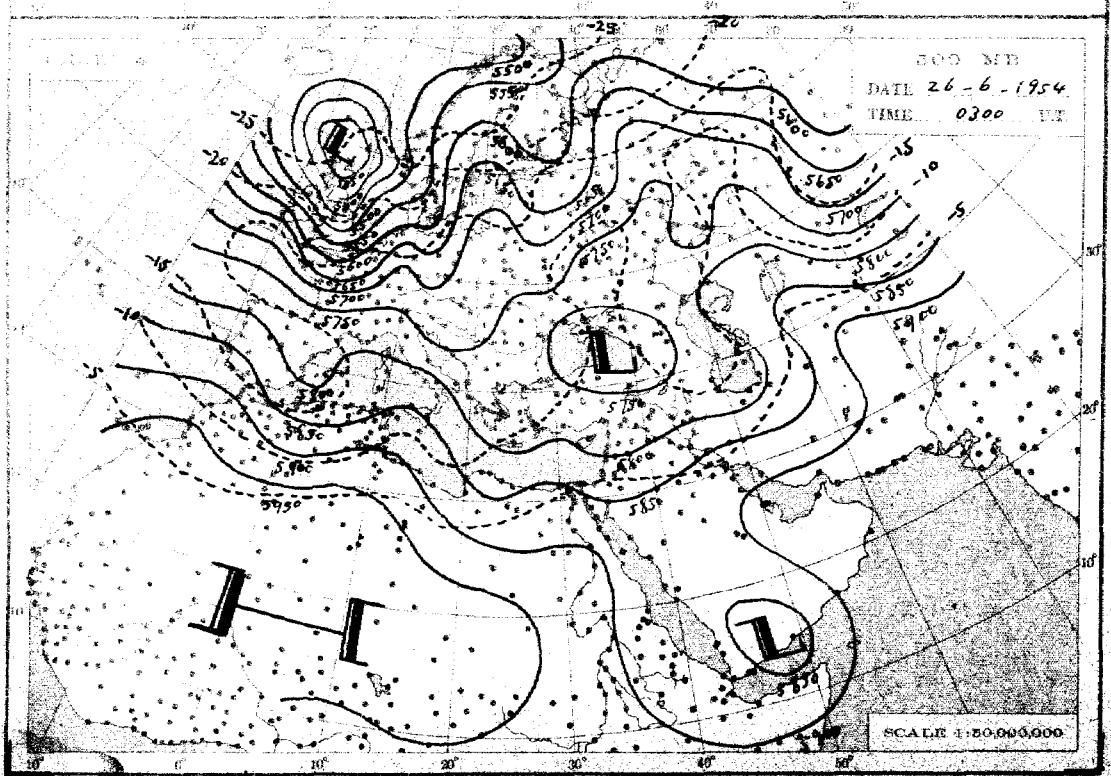
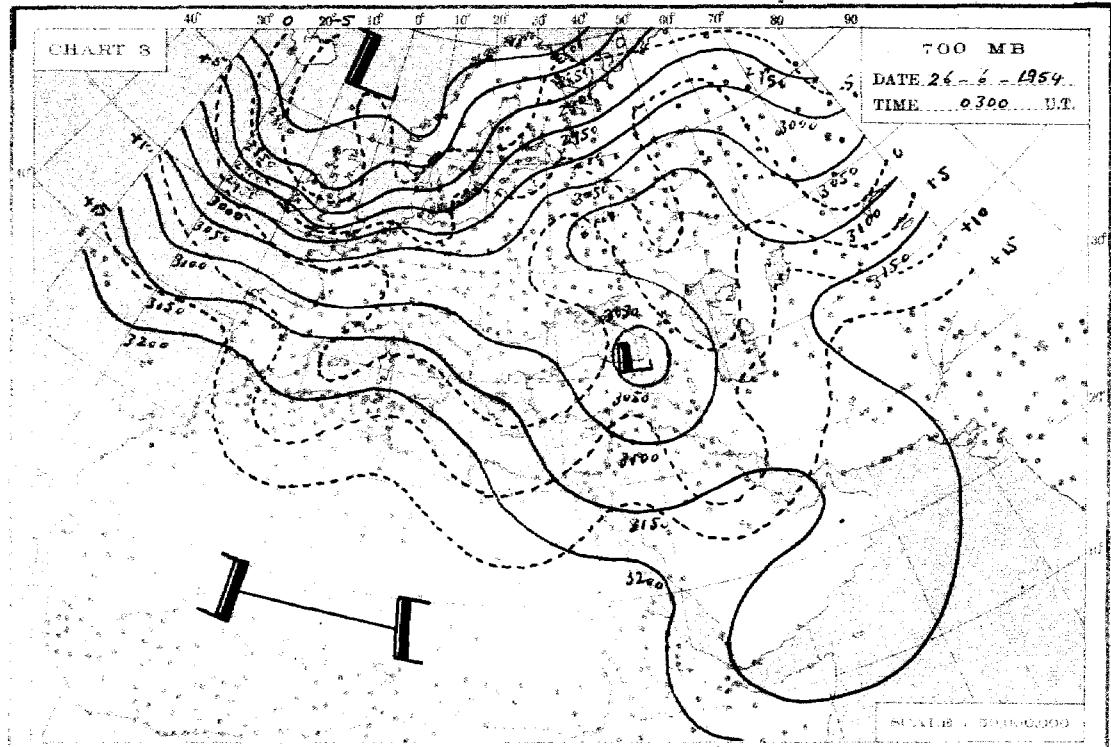
MAP 1

Friday 25/6/1954 1200



SCALE 1:20,000,000





# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:50,000,000. Projection: Gauß-Krueger. Grid of meridians and parallels are standard parallel of 30° North.

ELONGATION: Indicated by a vertical line drawn through each pressure area.

WIND: Arrows fly with the wind. A full length rodent indicates 10 knots, and a short feather 5 knots. Wind is measured in the upper air at 10 m height.

TEMPERATURE: In whole degrees centigrade. Colored dashes for static pressure.

CLOUD SYMBOLS: Their meaning is as follows:

Clouds scattered over the surface of the earth.

Clouds scattered over the surface of the earth, with a few patches of clear sky.

Clouds scattered over the surface of the earth, with a few patches of clear sky.

Clouds scattered over the surface of the earth.

PRECIPITATION SYMBOLS: Indicated by the following symbols:

Clouds scattered over the surface of the earth, with rain.

Clouds scattered over the surface of the earth, with snow.

Snow.

Bold: These symbols show the nature of the phenomenon, but not the intensity or duration.

FOG: Indication of atmospheric cover of different thicknesses.

	W	E	N	S	SW	NE	SE	NE
Scattered Clouds	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.
Stratiform Clouds	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.
Fog	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.	Clouds scattered over the surface of the earth.

#### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000. Projection: same as Charts 1 & 2.

Contours are drawn every 600 meters of altitude (standardized).

Isotherms ... °C (Broken lines).

WIND: Arrows fly with the wind. A full length rodent indicates 10 knots, and a short feather 5 knots. Wind is indicated by a circle outside the station.

○ Calm, — Wind speed 5 knots, ▲ Wind speed 10 knots, △ Wind speed 15 knots

— Wind speed 20 knots, ■ Wind speed 25 knots, ▲ Wind speed 30 knots

TEMPERATURE: In whole degrees centigrade.

Thursday 24/6/1964

1200

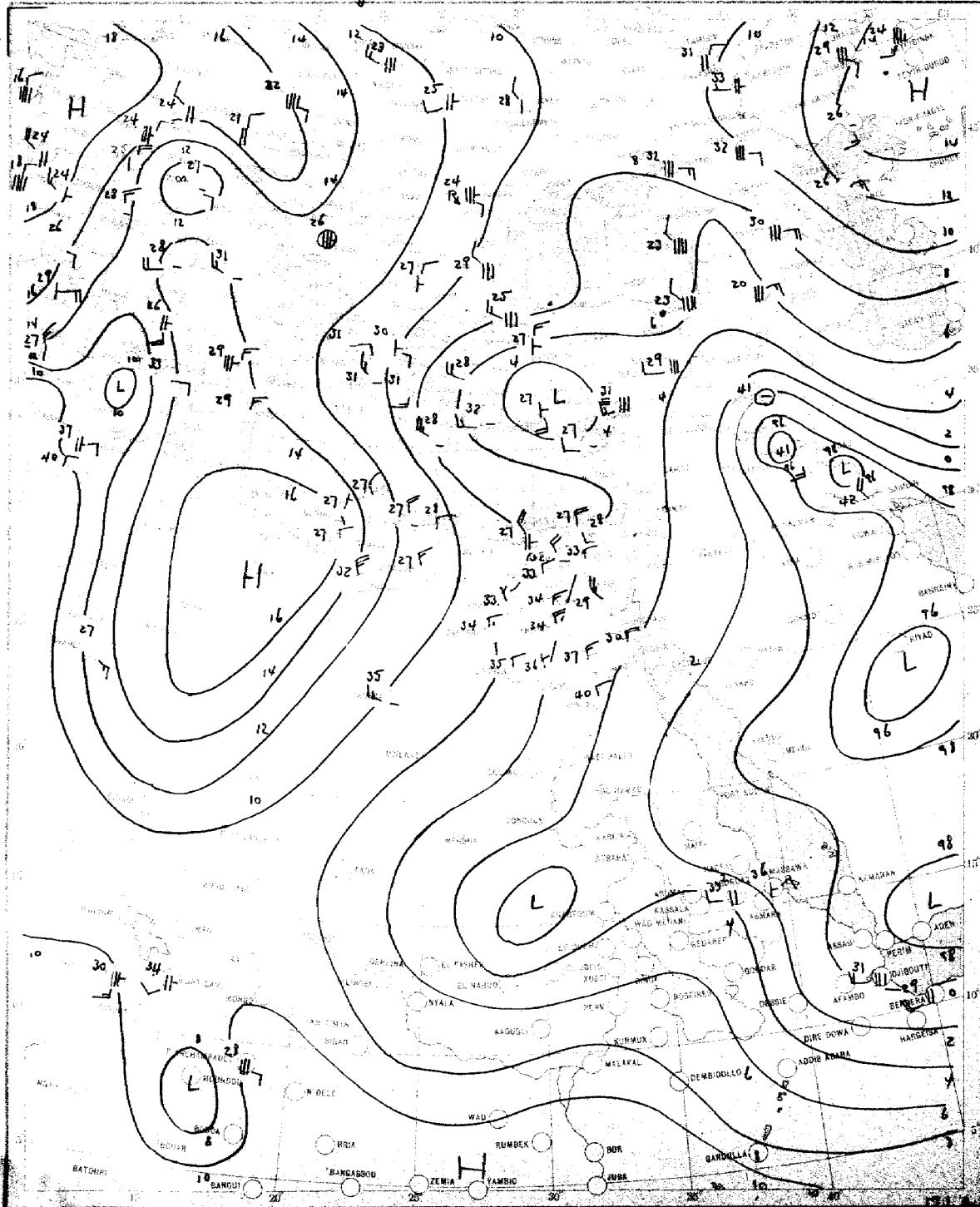
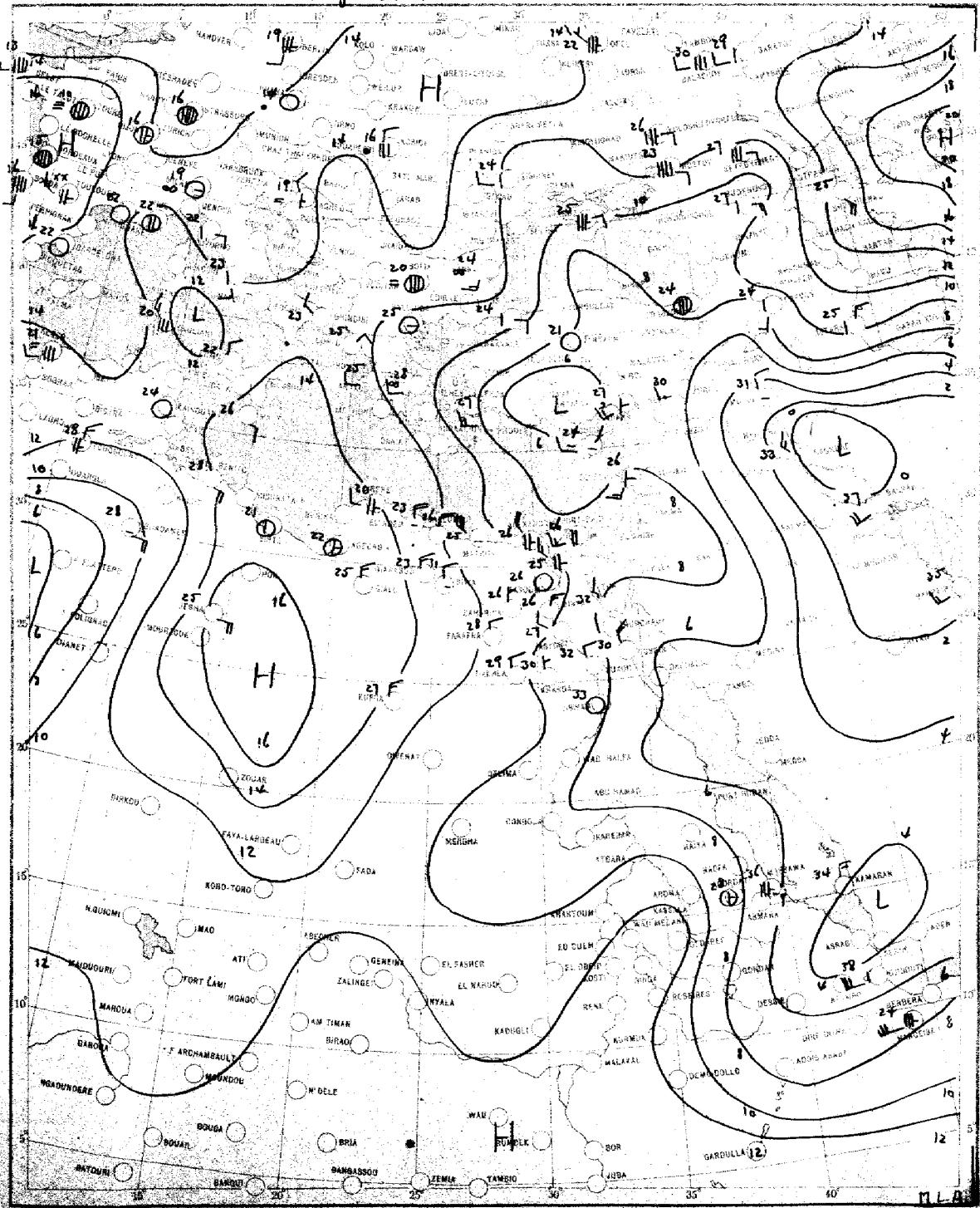


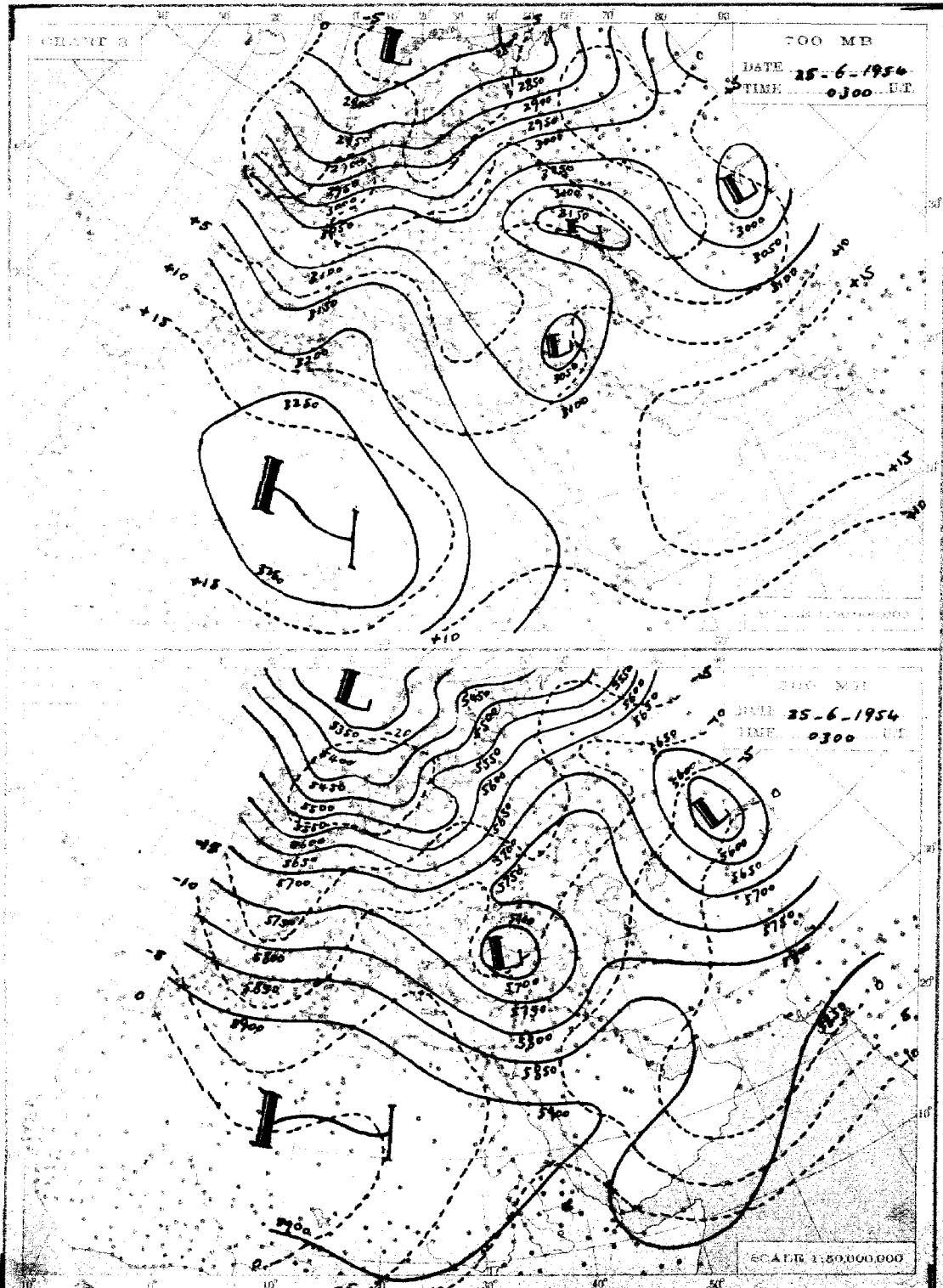
CHART 2

DATE Friday 25/6/1944 TIME 0600



SCALE 1:20,000,000

MLB



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT  
SYNOPTIC CHARTS

## EXPLANATIONS:

### CHARTS 1 & 2 (Surface Charts)

SCALE 1:20,000,000; Projection Conical orthomorphic with two standard parallels 30° & 50° N.

BAROMETRIC PRESSURE M. S. L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station. 

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N. octas)

 clear sky.

 sky 1/8 covered.

 sky 2/8 covered.

 sky 3/8 covered.

 sky 4/8 covered.

 sky 5/8 covered.

 sky 6/8 covered.

 sky 7/8 covered.

 sky 8/8 covered.

 sky obscured.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

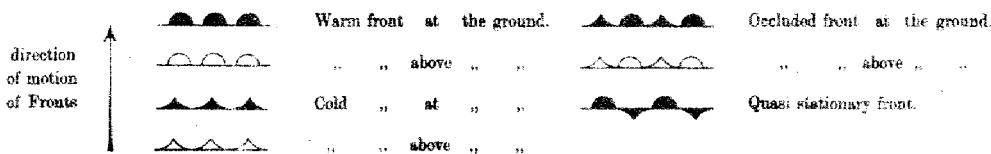
 Rising sand.  Sand or Duststorm.  Mist.  Fog.  Haze.

 Drizzle.  Rain.  Showers of Rain.  Showers of Hail.  Showers of Snow.

 Lightning.  Thunderstorm.  Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.



### CHARTS 3 & 4 (Upper Air Charts)

SCALE 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms .. .. .. 5° C (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

 Calm.

 Wind speed 5 knots

 Wind speed 10 knots

 Wind speed 25 knots

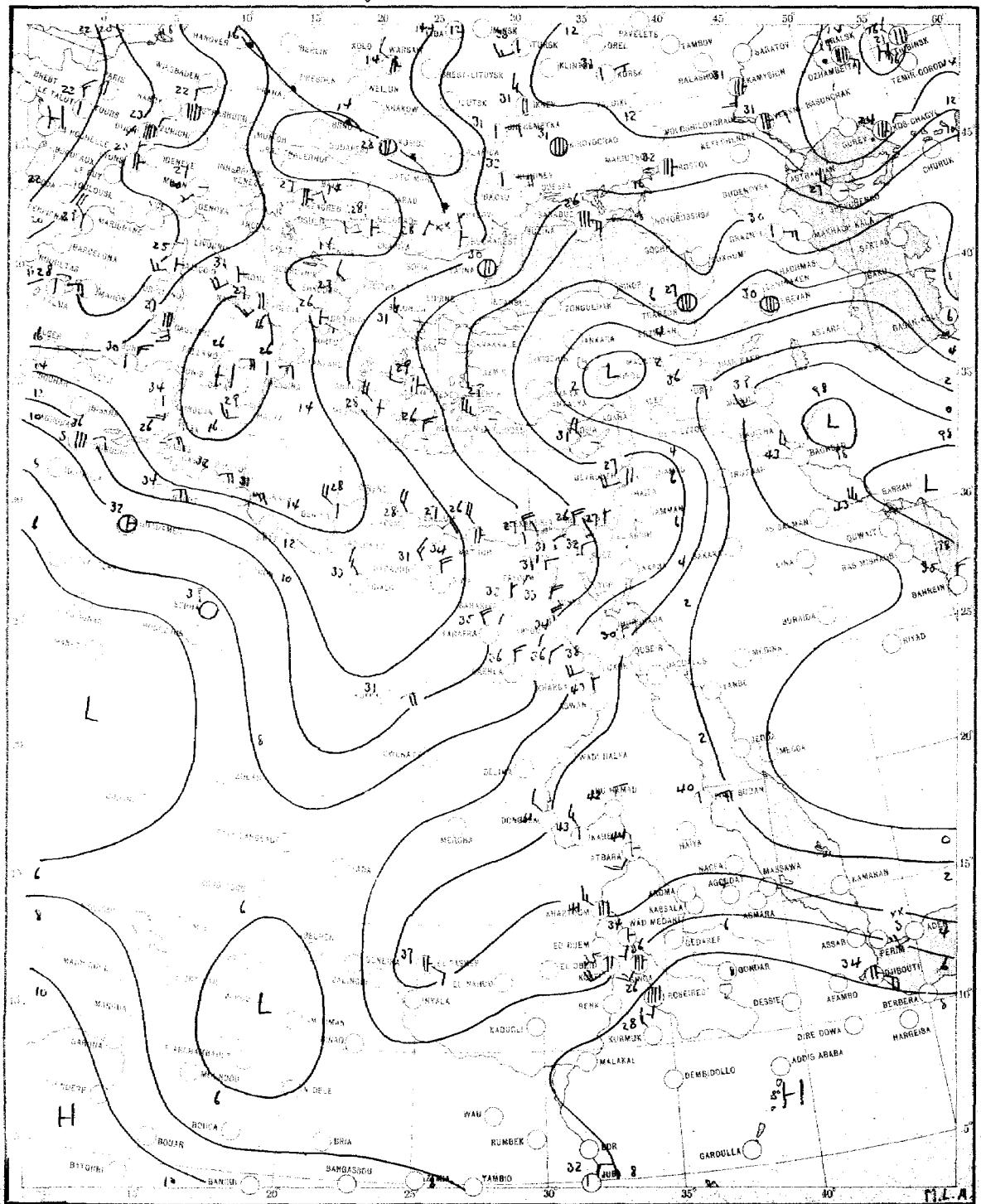
 Wind speed 50 knots.

 Wind speed 85 knots.

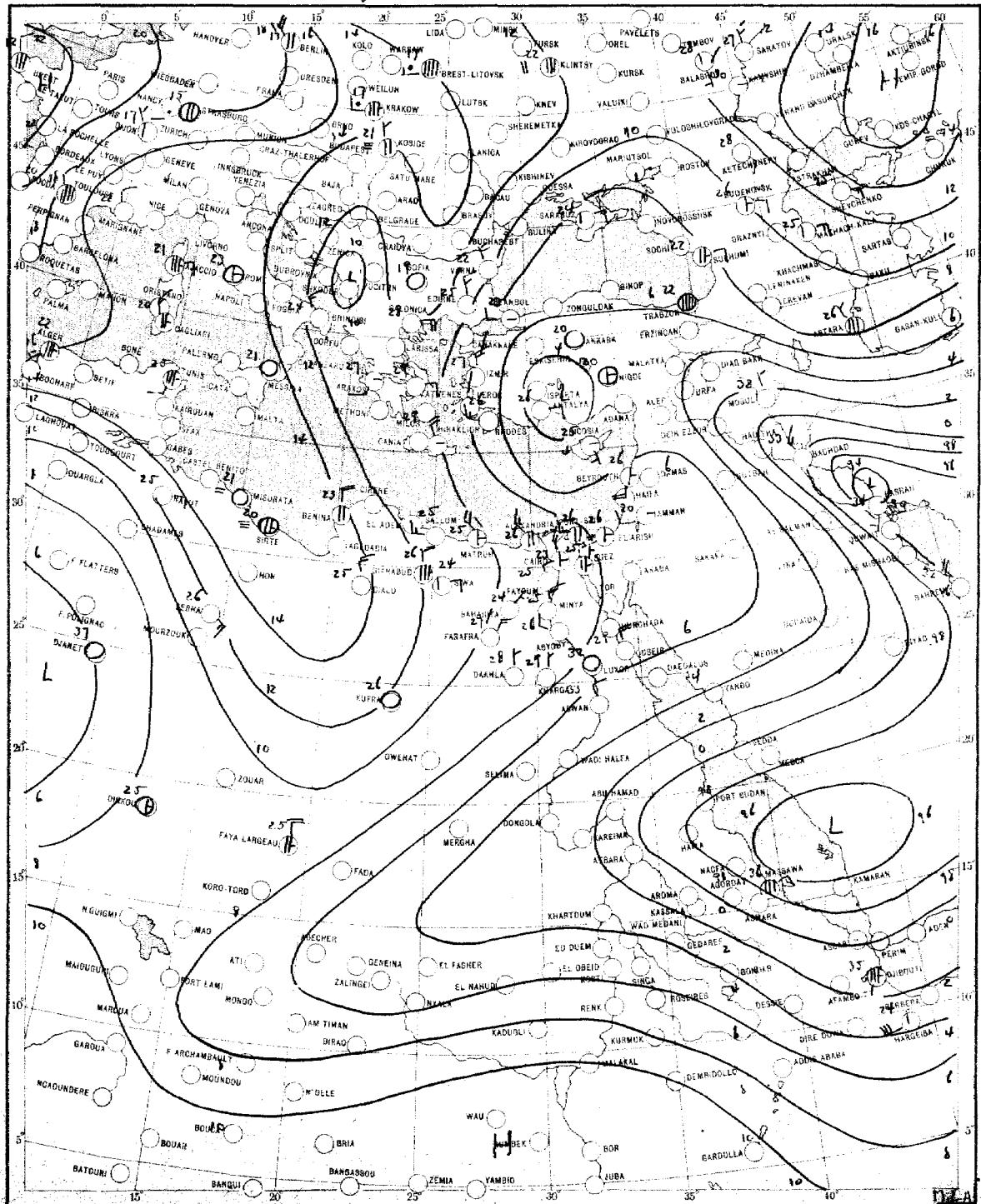
 Wind speed 125 knots.

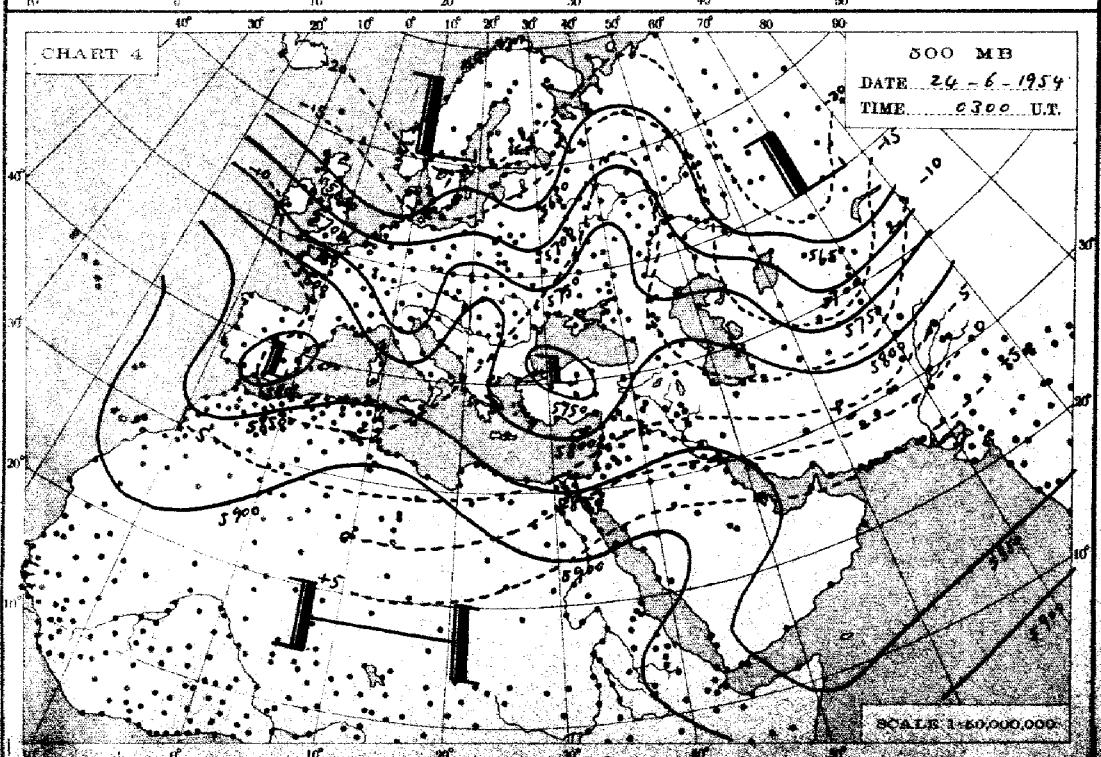
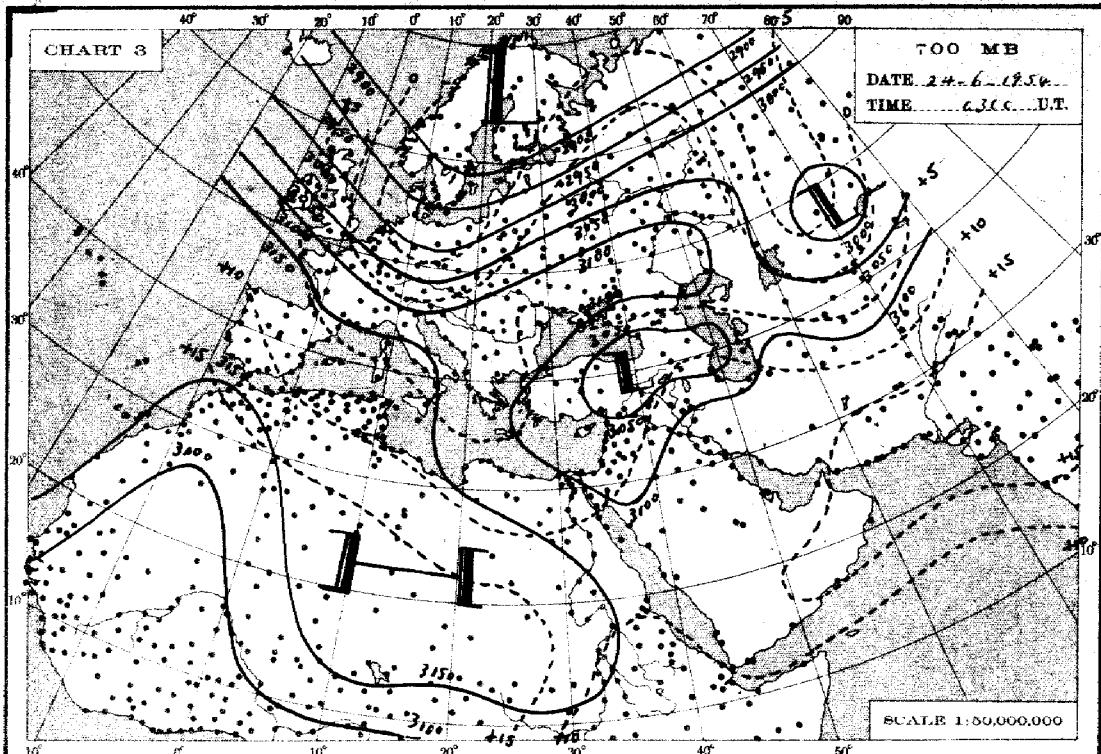
TEMPERATURE: In whole degrees centigrade

CHART 1 DATE Wednesday 23/6/1954 TIME 1200 U.T.



SCALE 1:20,000,000





# THE DAILY WEATHER REPORT

TELEGRAMMAL INSTRUMENT - CAIRO - EGYPT

## SYNTHETIC CHARTS

1930 G.M.T.

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

CLIMATE: At Cairo, 40° from sea level, average annual temperature 12.8° C.

RELIEF: Shaded areas indicate elevations above 1000 feet.

WIND: Prevailing winds are indicated by arrows, and relative strength by the length of the arrow. Wind direction is given by the angle from the north.

TEMPERATURE: In whole degrees centigrade (see scale).

#### CHARTS 3 & 4 (Upper Air Charts)

Cloud symbols: (a) scattered clouds, (b) broken clouds, (c) overcast.

Scattered clouds (a) Broken clouds (b) Overcast (c)

Cumulus clouds (a) Cumulus clouds (b) Overcast cumulus (c)

#### CHARTS 3 & 4 (Upper Air Charts)

Light rain Moderate rain Heavy rain Shower Thunder shower

Drizzle Mist Snowfall Sleet Freezing rain

Light snow Moderate snow Heavy snow

Note: These symbols show the nature of the phenomena rather than the intensity or duration.

#### FRONTS: Groundings of separation between cold air masses

		Winds, small at the front of		Winds, strong at the front
Direction		Shift		Shift
Position		Stationary		Passing
at Front		Cloudy		Cloudy (overcast)
		Light rain		Thunder shower

#### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000. Proportions (same as Charts 1 & 2).

Contours are drawn every 50 km. m. of Altitude (Contour interval).

Isotherms ... ... ... 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full-length feather indicates 10 knots, and a short feather 5 knots. (Scale is indicated by a circle outside the station.)

Calm. Wind speed 5 knots. Wind speed 10 knots. Wind speed 20 knots.

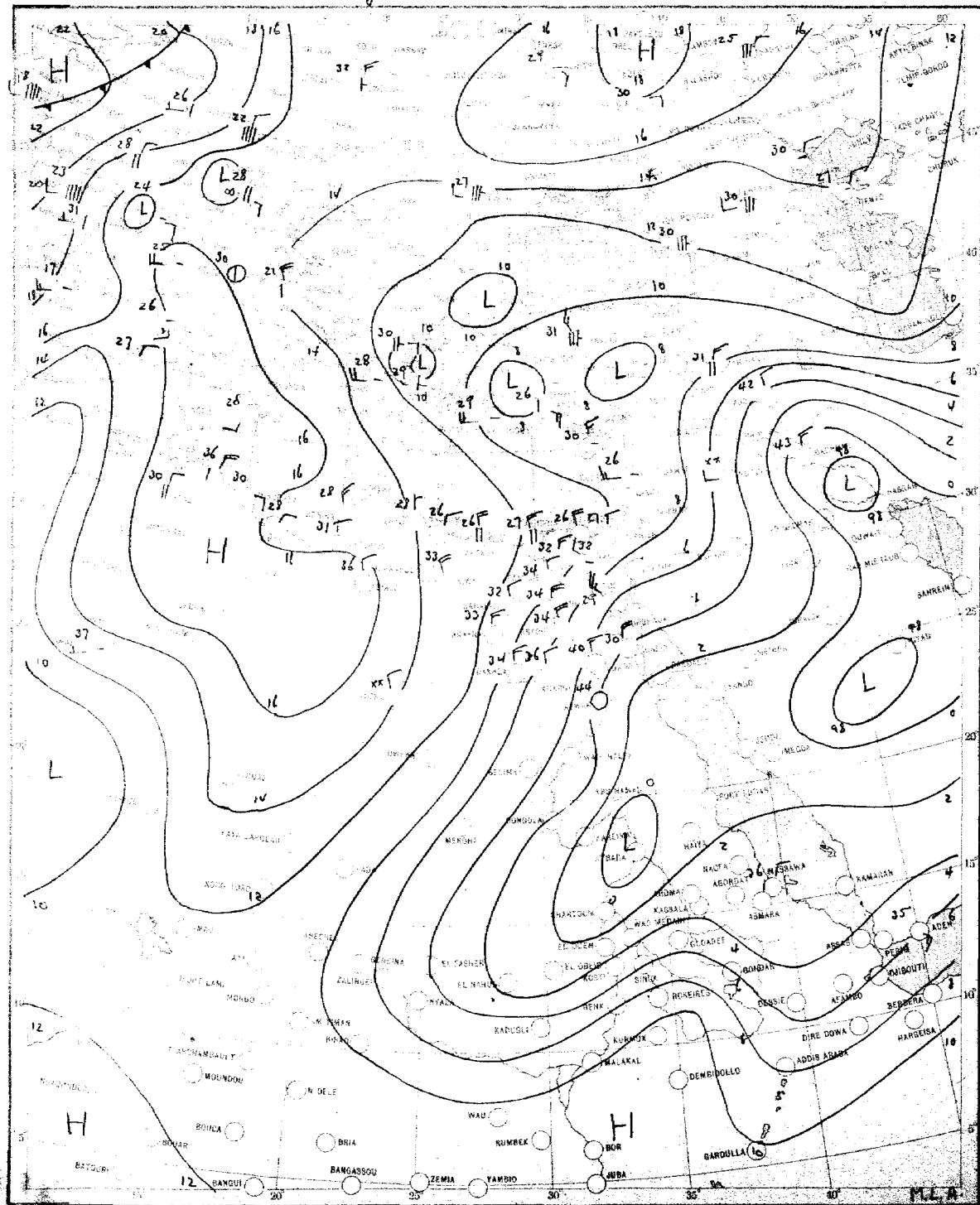
Wind speed 50 knots. Wind speed 85 knots. Wind speed 125 knots.

#### TEMPERATURE: In whole degrees centigrade

CHART

DATE Tuesday 22/6/1964 TIME 1200

UT

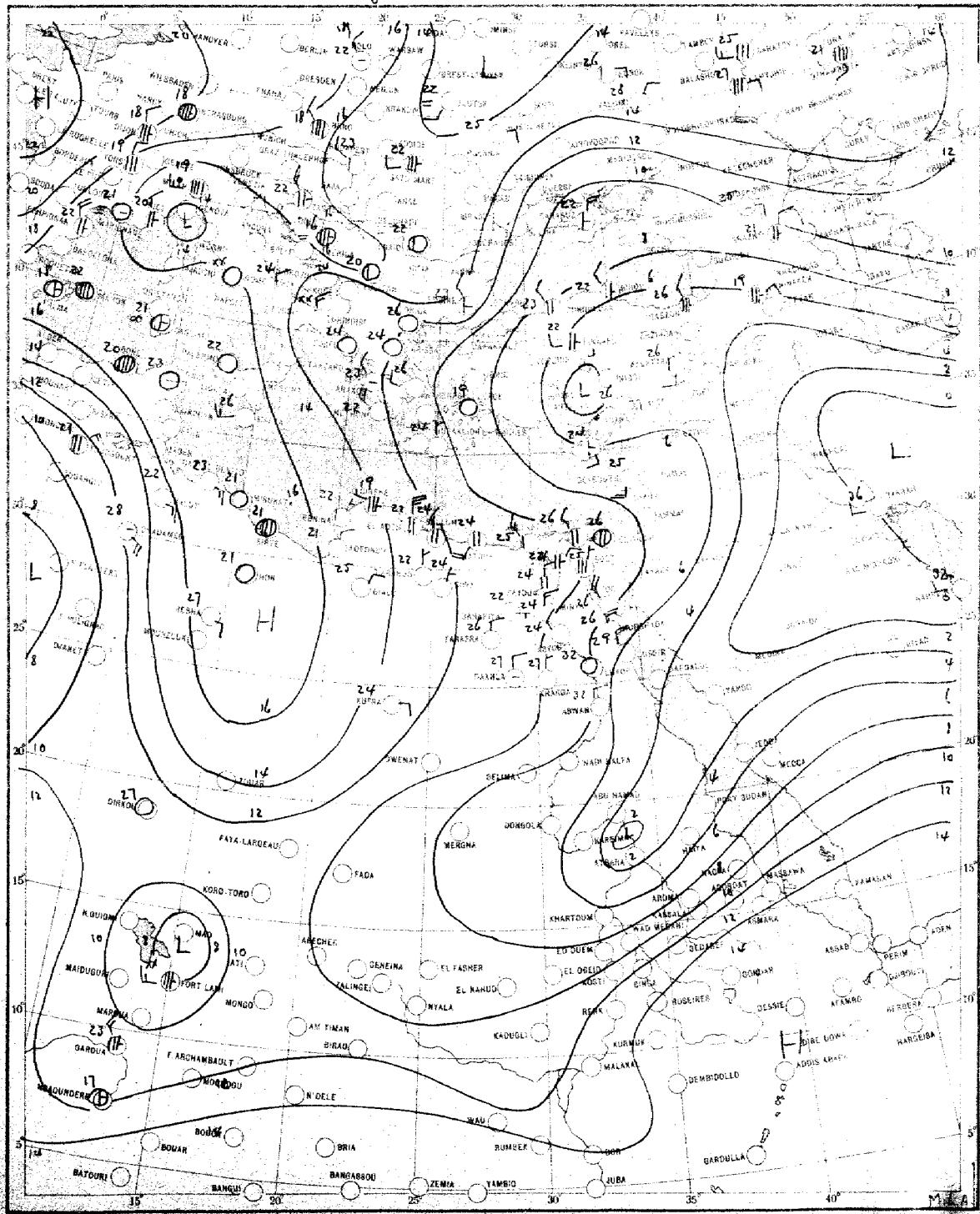


SCALE 1:20,000,000

CHART 2

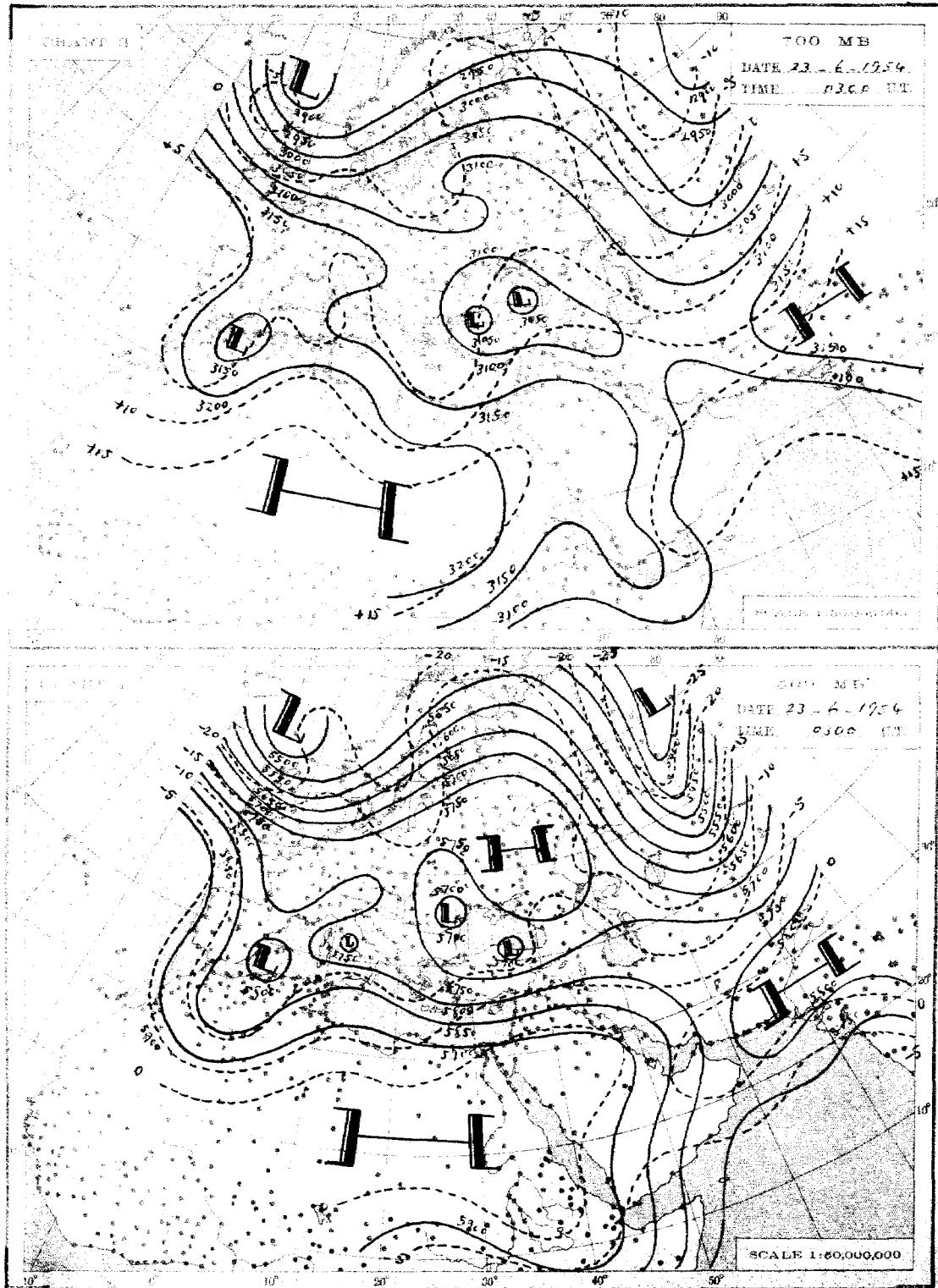
DATE Wednesday 23/6/1964 TIME 0600

ZT



SCALE 1:20,000,000

MAP 4



# THE DAILY WEATHER REPORT

WHITE ROCKS, EAST ANATOLIA TURKEY - 1920 - FORM

## WEATHER CHARTS

1920 - 1921

### EXPLANATION:

GENERAL: General description of the weather.

WIND: Wind direction and force, and the direction of the wind.

PRECIPITATION: Amount and intensity of precipitation.

WATER TEMPERATURE: Temperature of the water at the time of observation.

TEMPERATURE: Actual air temperature at the time of observation.

CLOUDS: Description of clouds in the sky.

(C) Cumulus clouds, (Cc) Cumulus clouds, (Sc) Stratocumulus,

(Cs) Cirrocumulus clouds, (Ns) Nubes nubes, (Ns) Nubes nubes,

(Ns) Nubes nubes, (Ns) Nubes nubes, (Ns) Nubes nubes.

ROCKS: Description of the rocks in the area.

(R) Red rocks, (B) Black rocks, (G) Green rocks, (A) Grey rocks, (L) Light rocks.

(R) Red rocks, (B) Black rocks, (G) Green rocks, (A) Grey rocks, (L) Light rocks.

(R) Red rocks, (B) Black rocks, (G) Green rocks, (A) Grey rocks, (L) Light rocks.

(R) Red rocks, (B) Black rocks, (G) Green rocks, (A) Grey rocks, (L) Light rocks.

PERIOD: Duration of precipitation or other phenomena.

(P) 1 hour, (P) 2 hours, (P) 4 hours, (P) 8 hours, (P) 12 hours, (P) 24 hours, (P) 48 hours, (P) 72 hours.

(P) 1 hour, (P) 2 hours, (P) 4 hours, (P) 8 hours, (P) 12 hours, (P) 24 hours, (P) 48 hours, (P) 72 hours.

(P) 1 hour, (P) 2 hours, (P) 4 hours, (P) 8 hours, (P) 12 hours, (P) 24 hours, (P) 48 hours, (P) 72 hours.

(P) 1 hour, (P) 2 hours, (P) 4 hours, (P) 8 hours, (P) 12 hours, (P) 24 hours, (P) 48 hours, (P) 72 hours.

### CHARTS I & II (Upper Air Charts)

SCALE: 1000000000, contour (see also Charts I & II)

Contours are drawn every 10 degrees of latitude (Longitude, same).

Isobars are drawn every 100 mb (broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Color is indicated by a circle outside the station.

(C) Calm, (W) Wind speed 5 knots, (W) Wind speed 10 knots, (W) Wind speed 20 knots.

(W) Wind speed 50 knots, (W) Wind speed 60 knots, (W) Wind speed 120 knots.

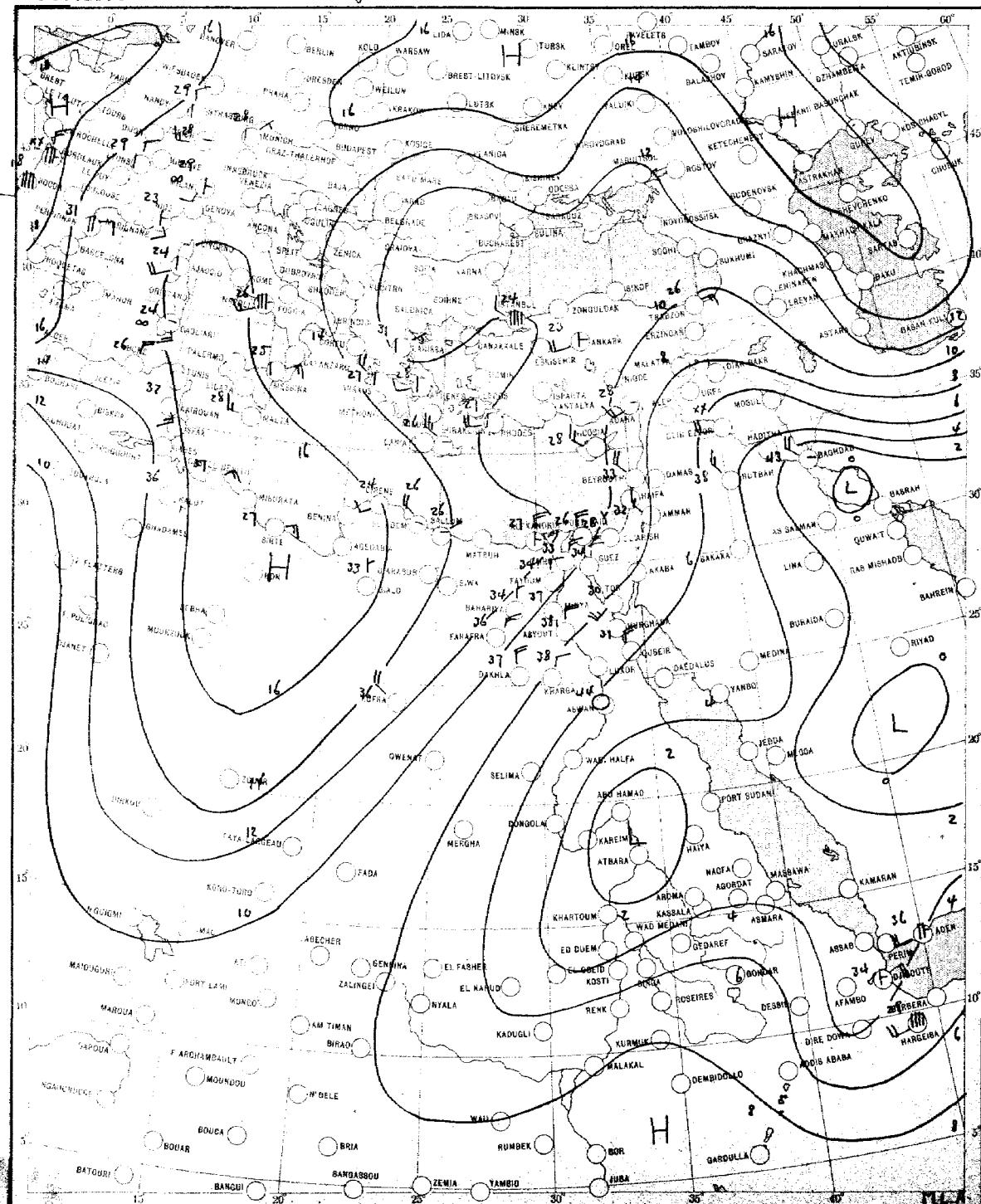
TEMPERATURE: In whole degrees centigrade.

CHART 1

DATE Monday 21/6/1954

TIME 1200

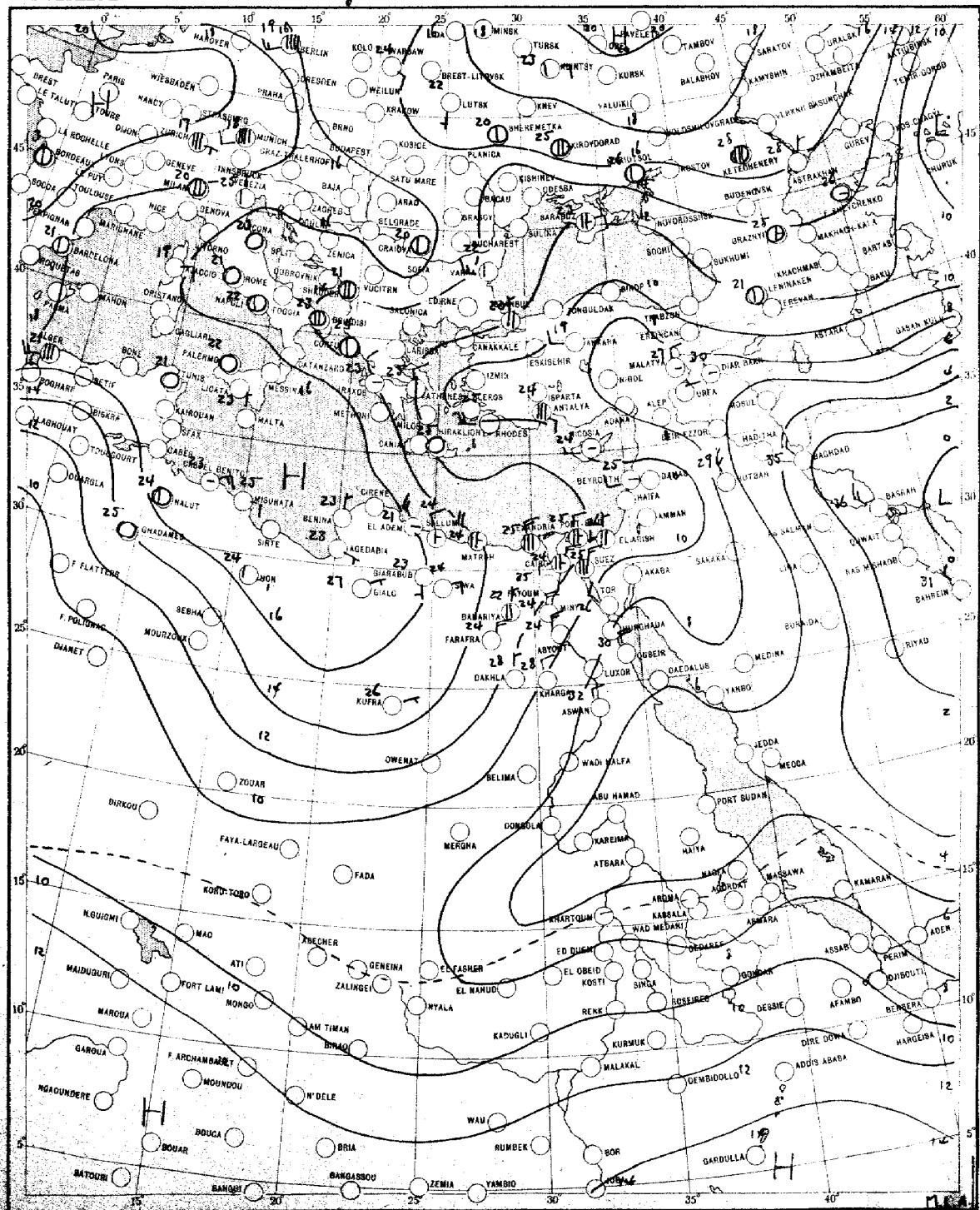
U.T.



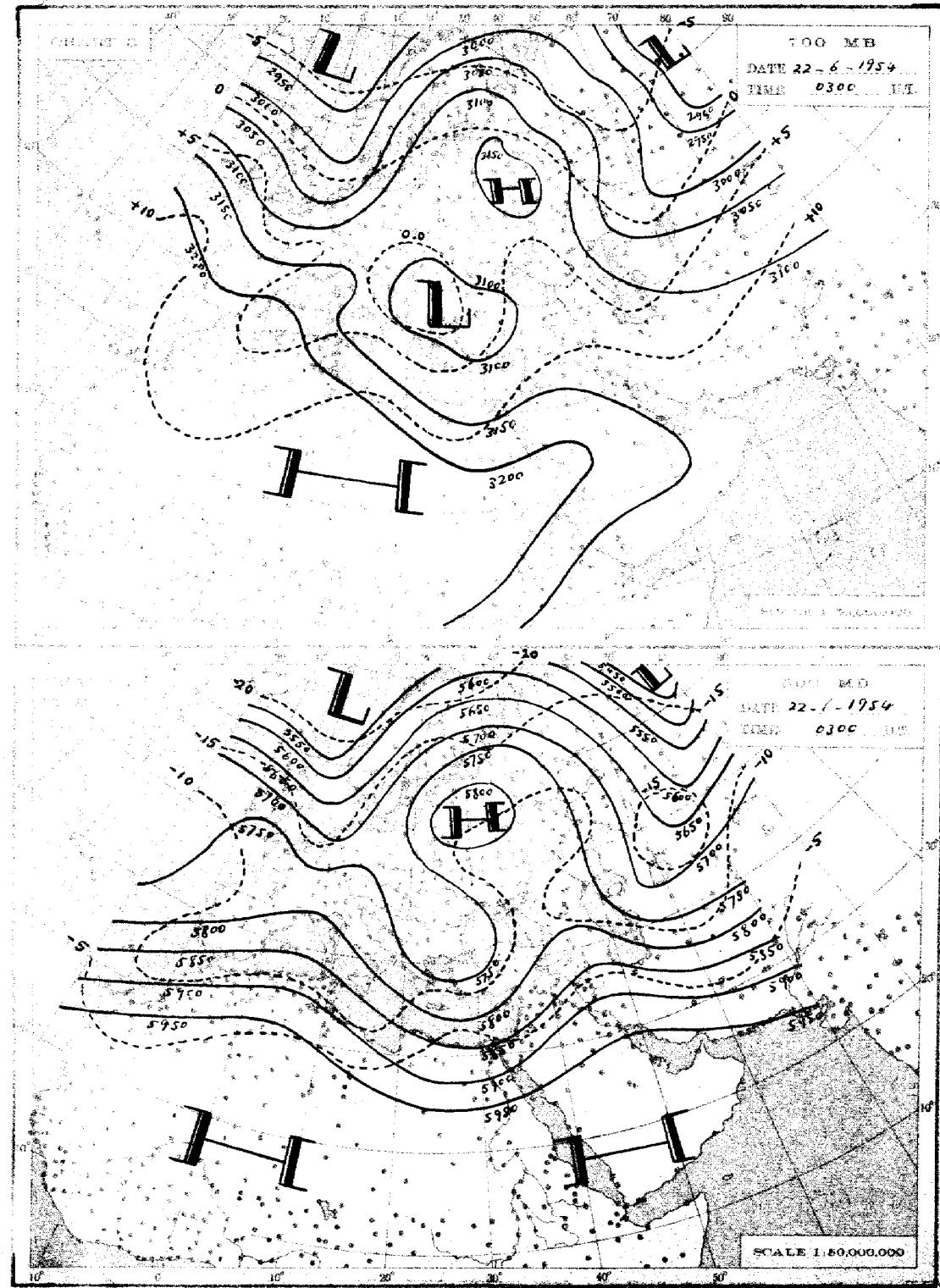
SCALE 1:500,000,000

## CHART 2

DATE Tuesday 22/6/1954 TIME 0600 U.T.



SCALE 1:20,000,000



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE 1:20,000,000; Projection Conical orthomorphic with two standard parallels 30° & 60° N.

BAROMETRIC PRESSURE: M. S. L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station. (◎)

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N. octas)

(○) clear sky.

(⊖) sky  $\frac{1}{8}$  covered. (○) sky  $\frac{2}{8}$  covered. (⊕) sky  $\frac{3}{8}$  covered.

(⊖⊖) sky  $\frac{4}{8}$  covered. (⊖⊖⊖) sky  $\frac{5}{8}$  covered. (⊖⊖⊖⊖) sky  $\frac{6}{8}$  covered.

(⊖⊖⊖⊖⊖) sky  $\frac{7}{8}$  covered. (⊖⊖⊖⊖⊖⊖) sky  $\frac{8}{8}$  covered. (⊖⊖⊖⊖⊖⊖⊖) sky obscured.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

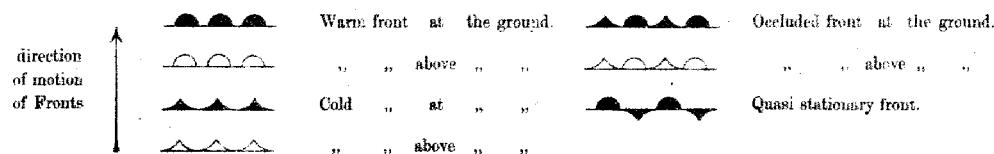
(\\$) Rising sand. (⊖⊖) Sand or Duststorm. (=) Mist. (≡) Fog. (∞) Haze.

(·) Drizzle. (•) Rain. (⌚) Showers of Rain. (⌚⌚) Showers of Hail. (⌚⌚⌚) Showers of Snow.

(⚡) Lightning. (雷) Thunderstorm. (\*) Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms " " " 5° C. (Broken lines).

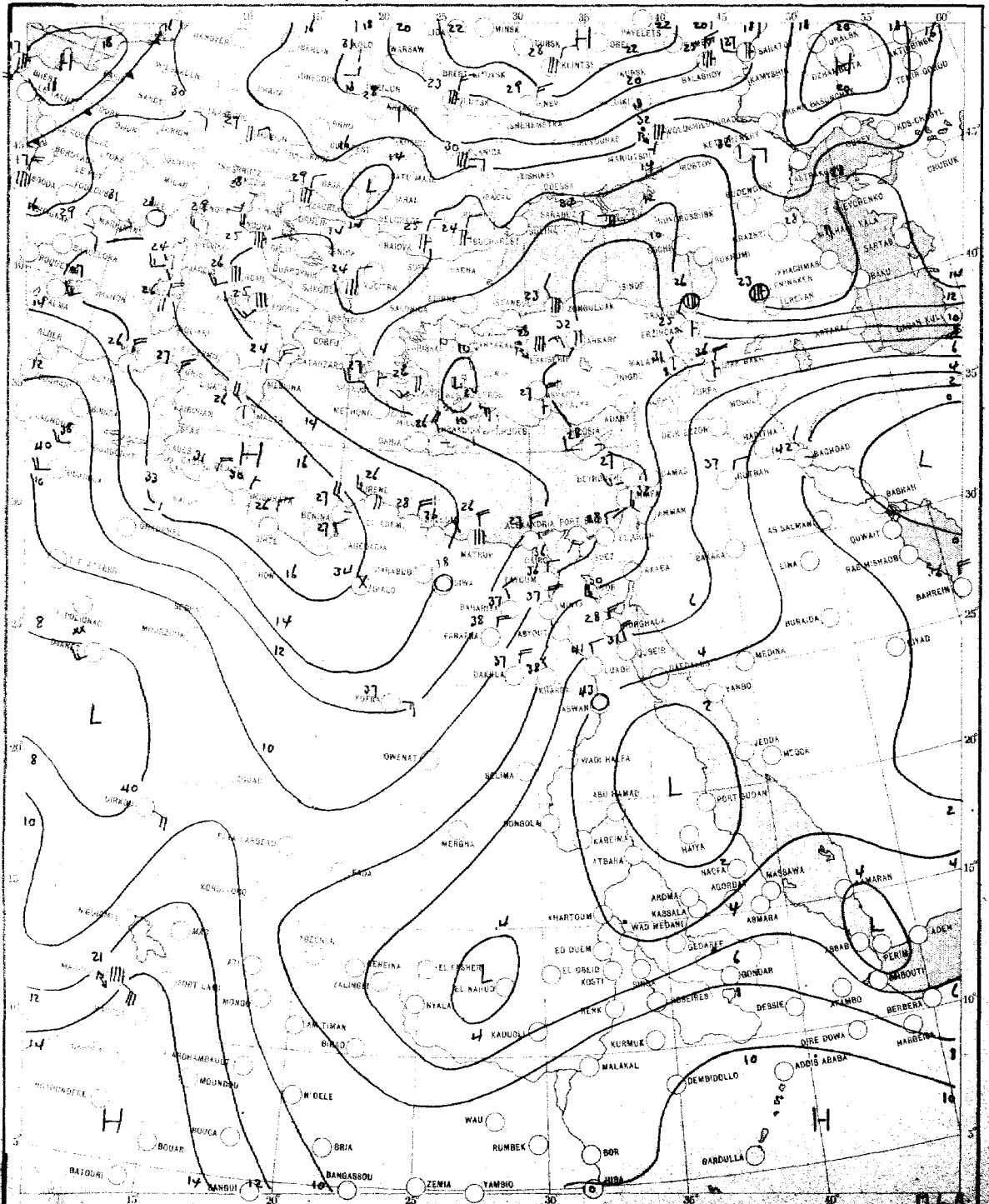
WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

(◎) Calm. (→) Wind speed 5 knots. (→) Wind speed 10 knots. (→) Wind speed 25 knots.

(→) Wind speed 50 knots. (→) Wind speed 65 knots. (→) Wind speed 125 knots.

TEMPERATURE: In whole degrees centigrade.

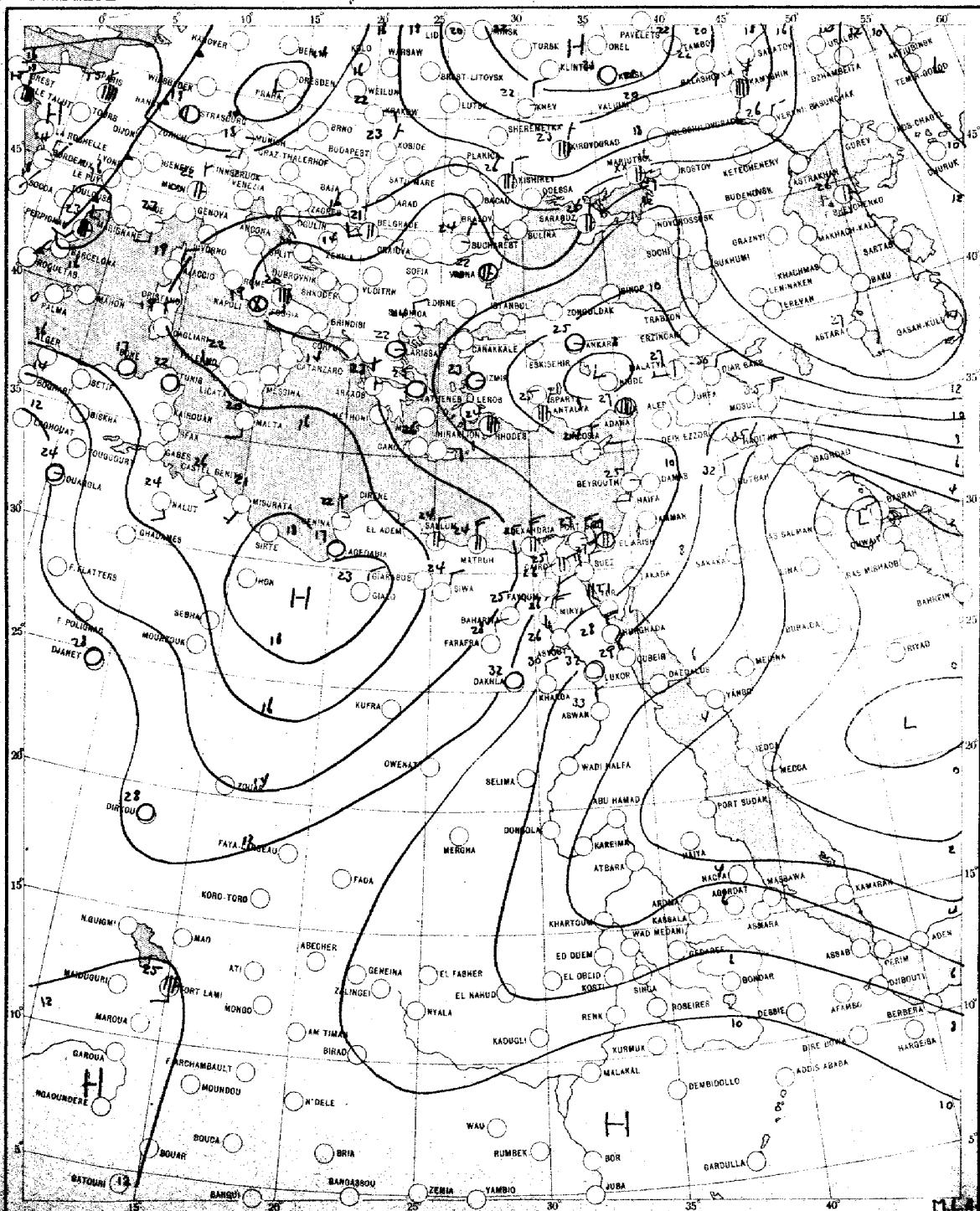
CHART 1 DATE Sunday 20/6/1964 TIME 1200 U.T.



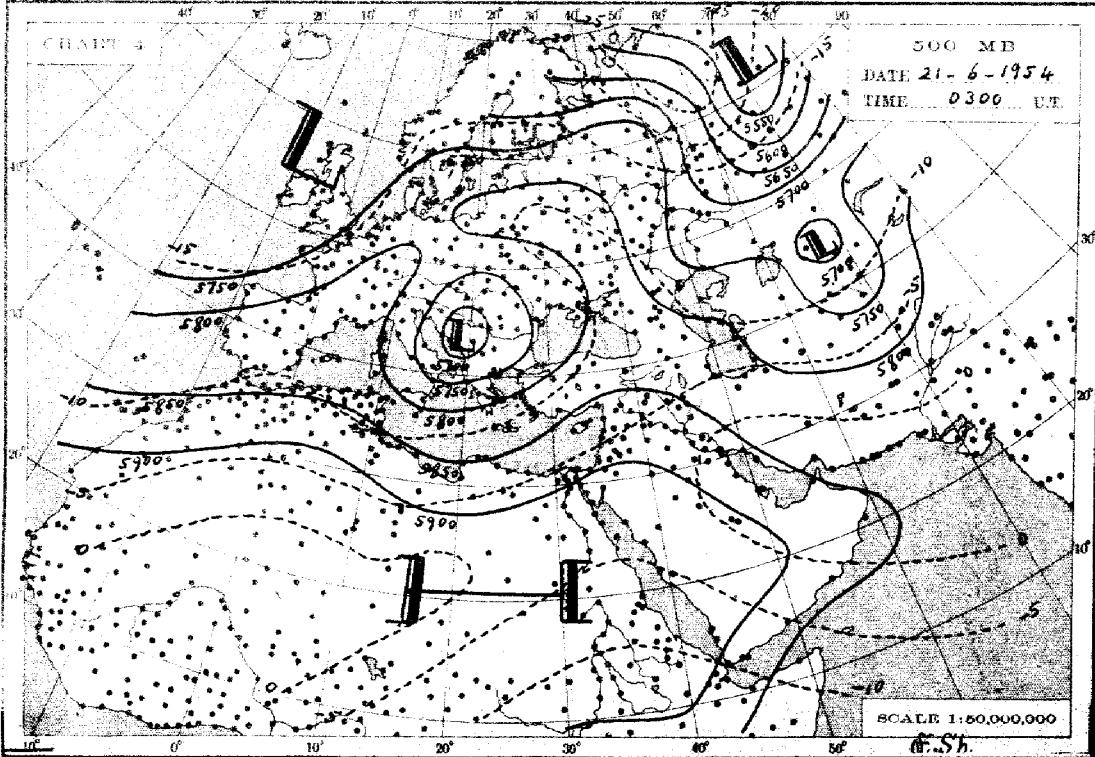
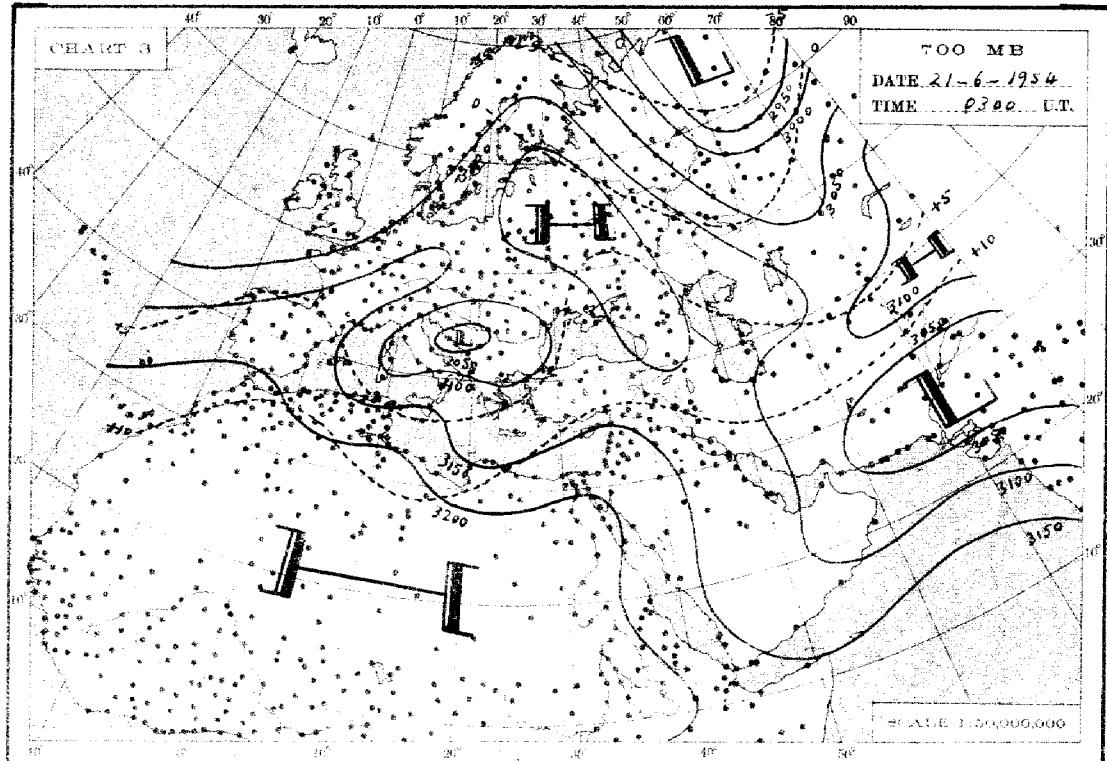
SCALE 1:20,000,000

## CHART 2

DATE Monday 21/6/1961 TIME 0600 U.T.



SCALE 1:20,000,000



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE 1:20,000,000: Projection Conic orthomorphic with two standard parallels 30° & 60° N.

BAROMETRIC PRESSURE: M. S. L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station. 

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS (Total amount N octas)

 clear sky.

 sky 1/8 covered.

 sky 2/8 covered.

 sky 3/8 covered

 sky 4/8 covered.

 sky 5/8 covered.

 sky 6/8 covered

 sky 7/8 covered.

 sky 8/8 covered.

 sky obscured

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

 Rising sand.

 Sand or Duststorm.

 Mist.

 Fog.

 Haze.

 Drizzle.

 Rain.

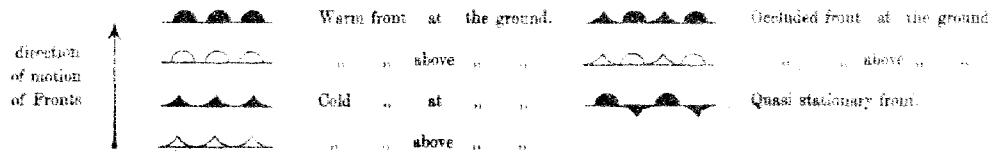
 Showers of Rain.

 Showers of Hail.

 Showers of Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE 1:50,000,000: Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms ... ... ... 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

 Calm.

 Wind speed 5 knots.

 Wind speed 10 knots.

 Wind speed 25 knots.

 Wind speed 50 knots.

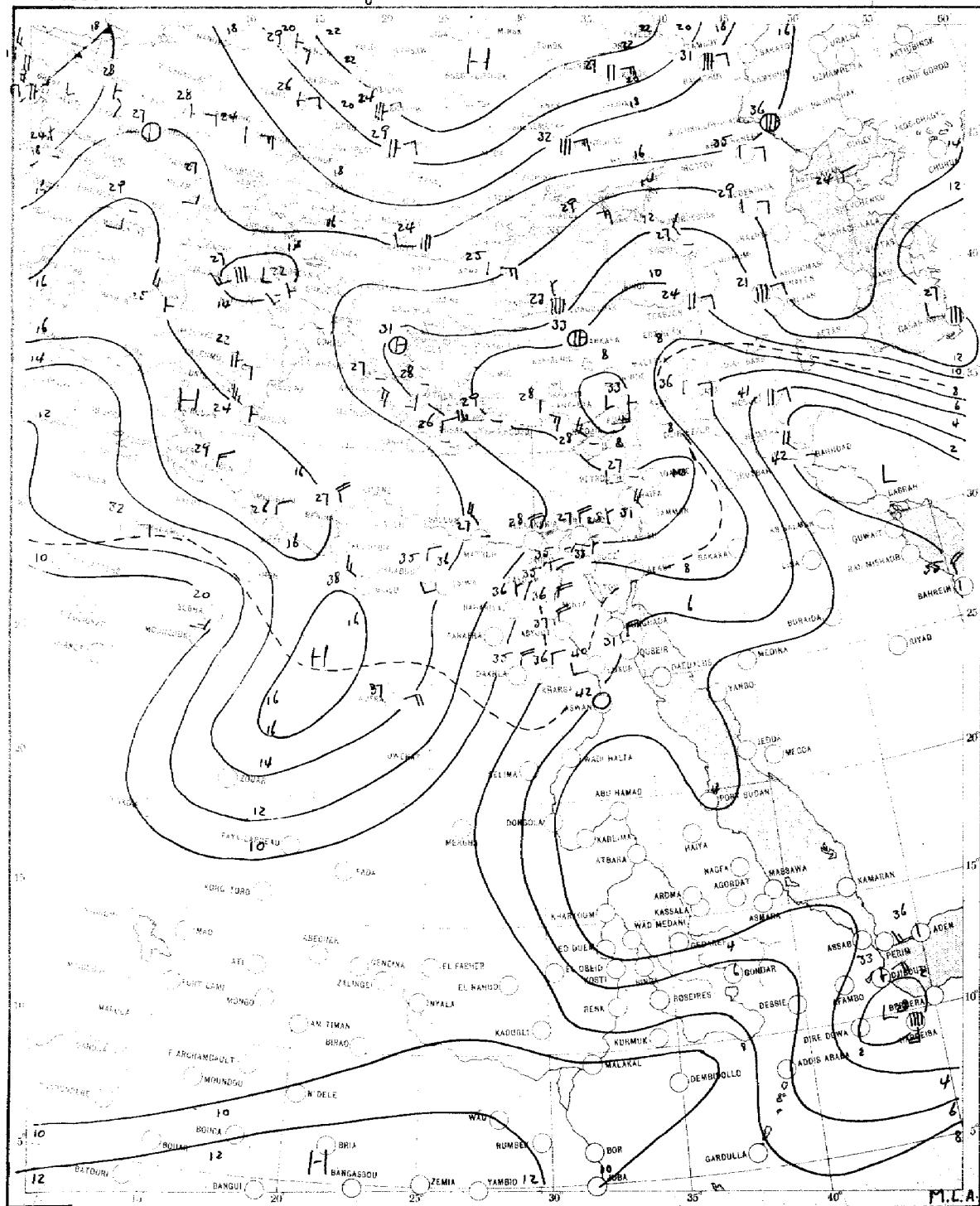
 Wind speed 85 knots.

 Wind speed 125 knots.

TEMPERATURE: In whole degrees centigrade

CHART 1

DATE Saturday 19/6/1964 TIME 1200 UT



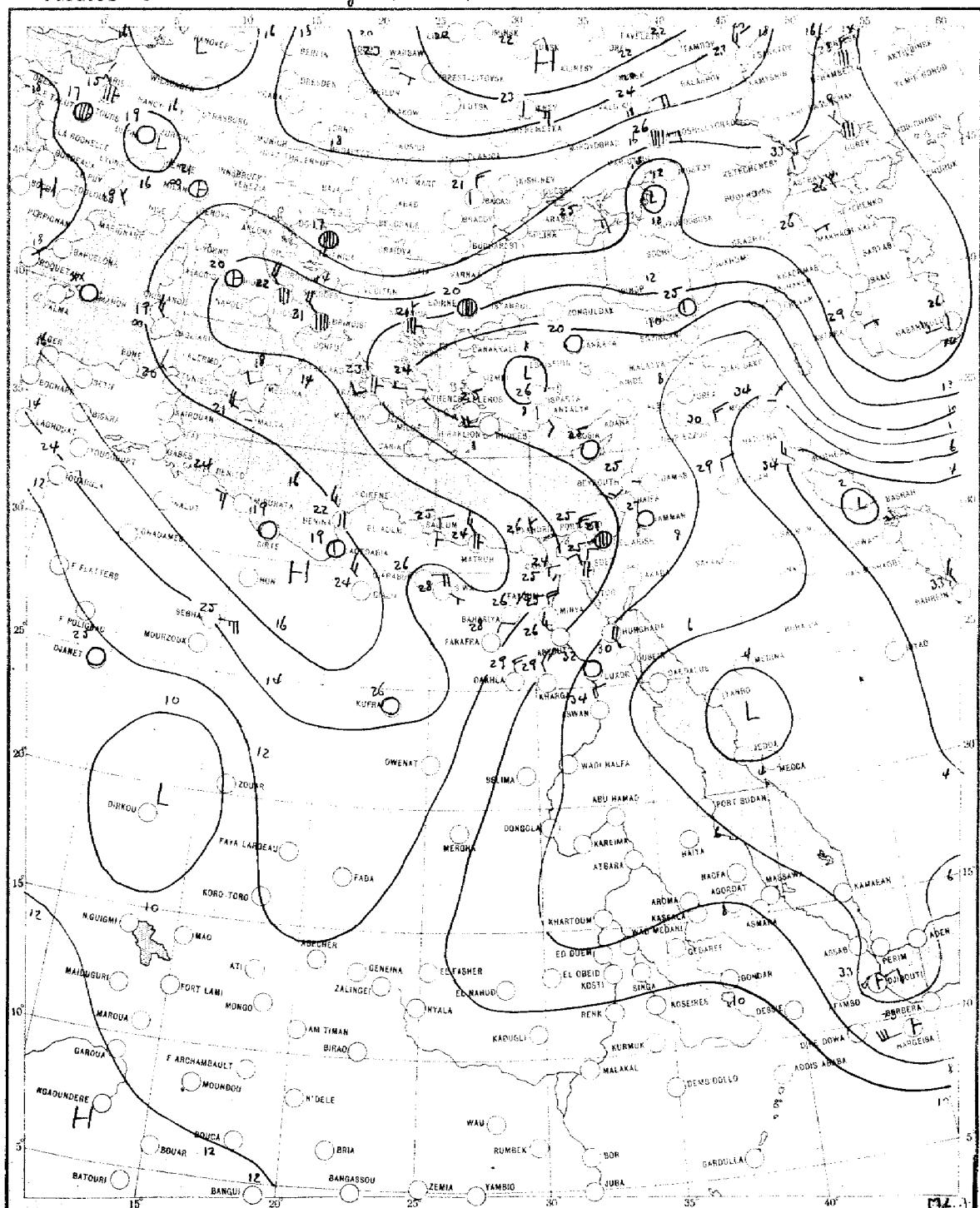
SCALE 1:20,000,000

M.L.A

CHART 2

DATE Sunday 20/6/1964 TIME 0600

UT.



SCALE 1:20,000,000

CHART 3

700 MB

DATE 20-6-1954.

TIME 0300 U.T.

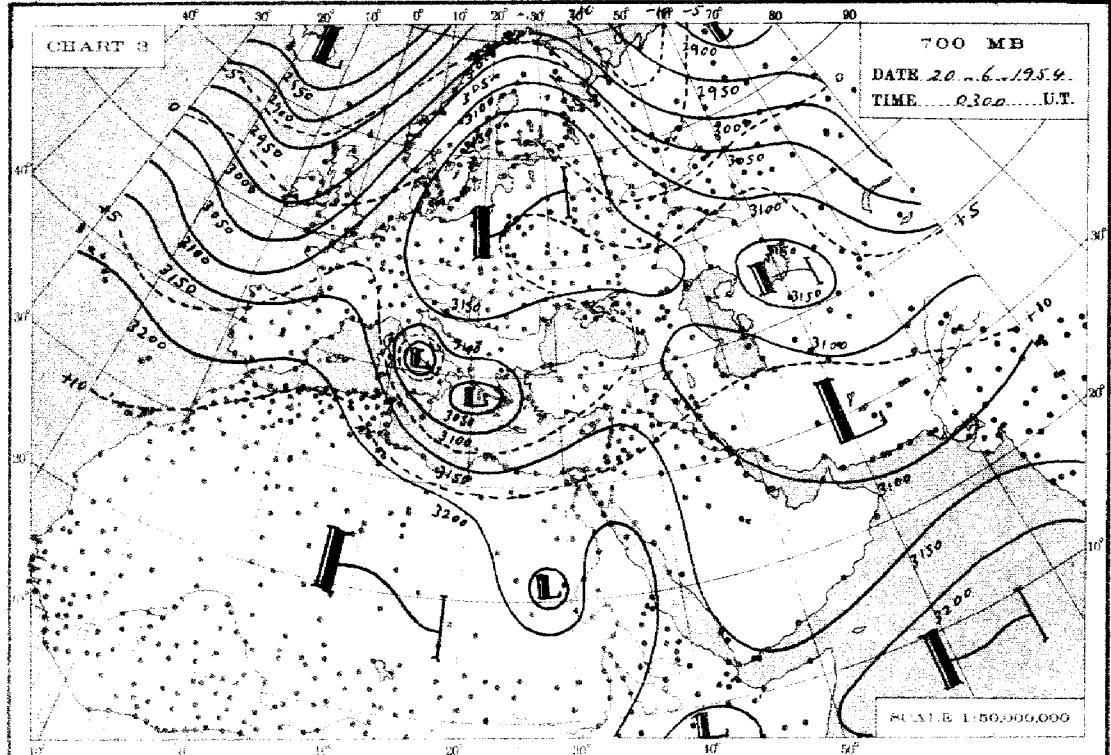
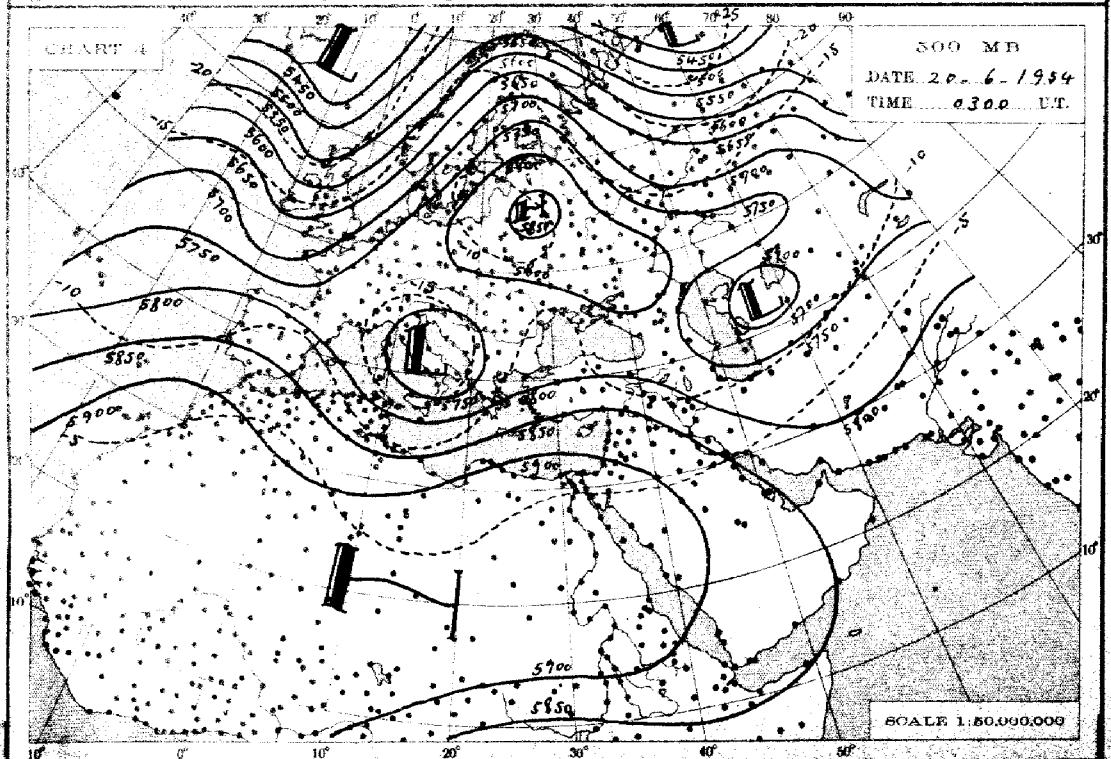


CHART 4

500 MB

DATE 20-6-1954

TIME 0300 U.T.



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:20,000,000. Projection (normal) orthographic with two standard parallels 30° & 30° N.

BAROMETRIC PRESSURE: M.S.L. Indicators are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale and a short feather one step. Calm is indicated by a circle outside the station.

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: Total amount N. clouds. clear sky

sky 1/2 covered. sky 2/3 covered. sky 3/4 covered.

sky 1/2 covered. sky 2/3 covered. sky 3/4 covered.

sky 1/2 covered. sky 2/3 covered. sky 3/4 covered.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

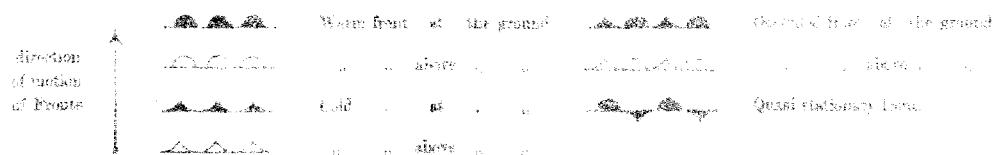
	Rain or sand		Sand or Dust-storm		None		Fog		Tint.
--	--------------	--	--------------------	--	------	--	-----	--	-------

	Drizzle		Ice-cr.		Showers of Dust.		Showers of Frost		Whirlw. of Snow.
--	---------	--	---------	--	------------------	--	------------------	--	------------------

	Lightning		Thunder-storm		Snow.
--	-----------	--	---------------	--	-------

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Air surfaces of separation between different air masses.



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:56,000,000. Projection (same as Charts 1 & 2).

Contours are drawn every 50 a.p.m. of Altitudes (Continuous lines).

Isotherms ... °C. (Broken lines).

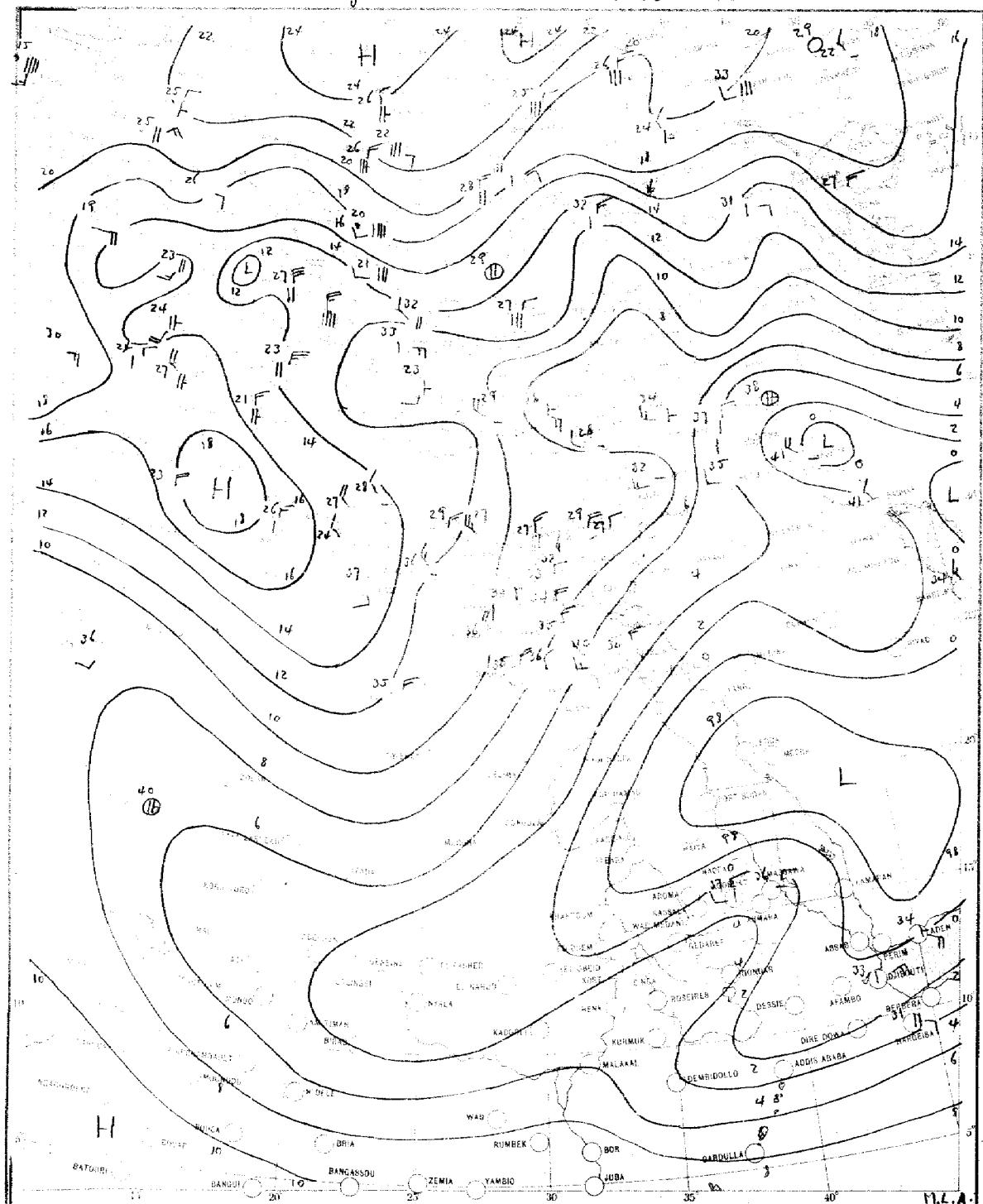
WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

Calm. Wind speed 5 knots. Wind speed 10 knots. Wind speed 20 knots.

Wind speed 50 knots. Wind speed 55 knots. Wind speed 125 knots.

TEMPERATURE: In whole degrees centigrade.

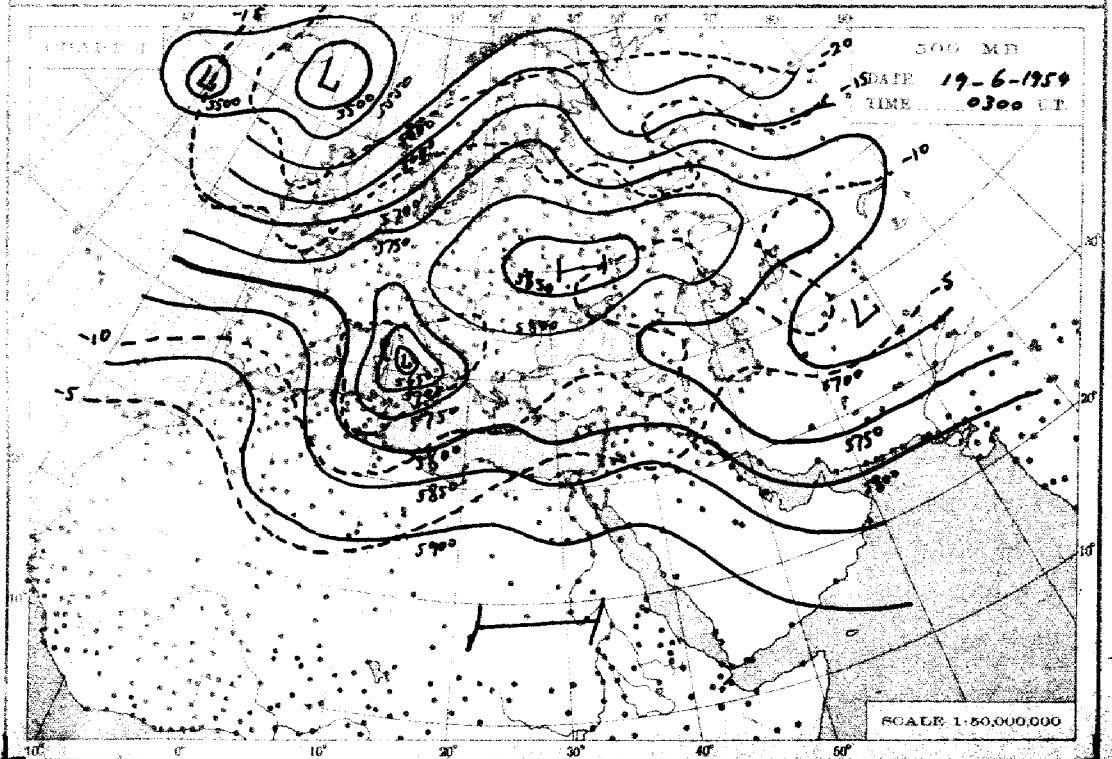
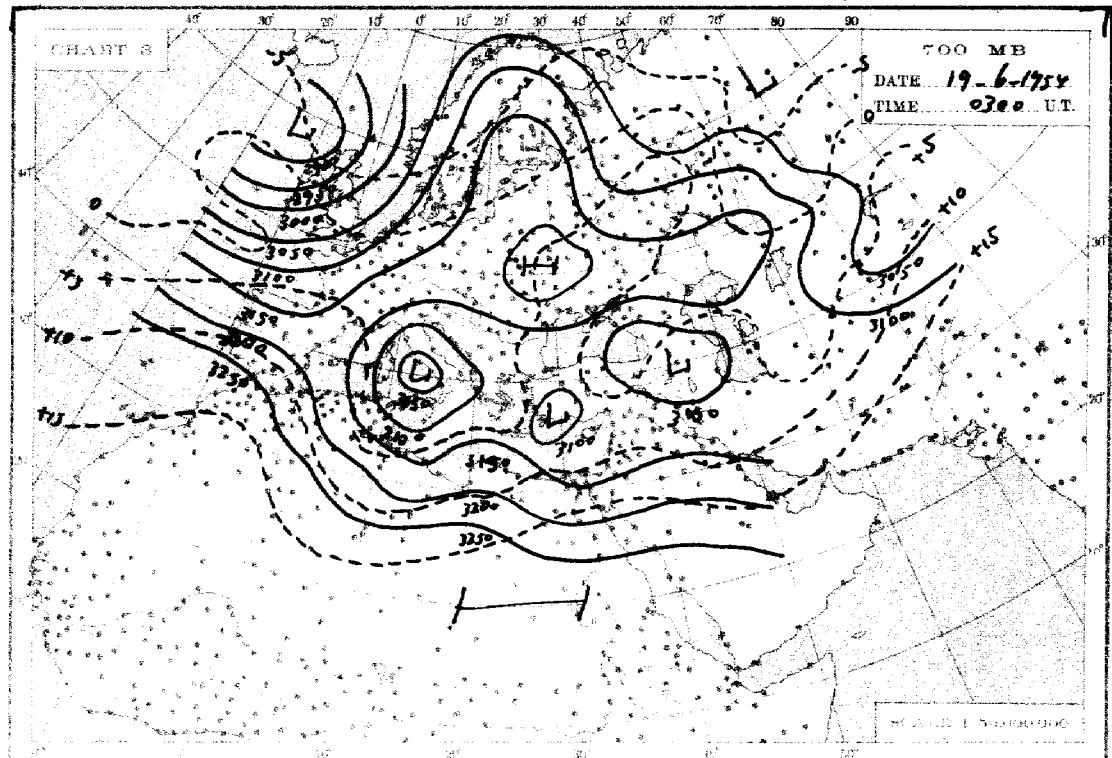
Friday 18/6/1941 1200



SCALE 1:20,000,000

M.L.A.





# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

WIND, PRESSURE, TEMPERATURE

BY AIR FORCE STATION

## EXPLANATIONS:

### CHARTS 1 & 2 (Surface Charts)

MAPS: The stations reported. Circles determine the 24 hours period.

HIGH-SUPERFICIAL PRESSURE: In C. Isobars are drawn every 1 millibar.

WIND: Arrows in certain wind. A full length feather indicates a wind on the Beaufort scale, and it can attain one step. Calm is indicated by a circle outside the station area.

TEMPERATURE: In whole degrees centigrade. Roman numbers inside the station circle.

CLOUD SYMBOLS: Cloud amount in octas. (1/8) = clear.

- |                        |                        |                          |
|------------------------|------------------------|--------------------------|
| (1) 1/8 to 1/4 covered | (2) 1/4 to 1/2 covered | (3) 1/2 to 3/4 covered   |
| (4) 3/4 to 4/8 covered | (5) 4/8 to 5/8 covered | (6) 5/8 to 6/8 covered   |
| (7) 6/8 to 7/8 covered | (8) 7/8 to 8/8 covered | (9) 8/8 to 100% covered. |

WEATHER SYMBOLS: Indicated to the left of station areas.

↓	Thunder.	↑	Wind or Gustavation.	↔	Wet	↔	Dry	↔	Fog.
↔	Cloud.	↔	Drift.	↑	Showers of Rain.	↑	Showers of Hail.	↑	Showers of Snow.
↔	Lightning.	↔	Fluorides.	↔	Rain.				

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.

	WARM FRONT	COLD FRONT	AT THE GROUND	WELL MARKED	OBSCURED FRONT AT THE GROUND.
Position	↓	↑	↓	↓	↓
Motion of Fronts	↔	↔	↔	↔	↔
	↓ ↓ ↓ ↓	↑ ↑ ↑ ↑	↓ ↓ ↓ ↓	↓ ↓ ↓ ↓	↓ ↓ ↓ ↓

Cold front above ground.

## CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000: Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.m.m. of Altitudes (Continuous lines).

Isotherms ... ... ... ... 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

(1)	Calm.	(2)	Wind speed 5 knots.	(3)	Wind speed 10 knots.	(4)	Wind speed 20 knots.
(5)	Wind speed 50 knots.	(6)	Wind speed 85 knots.	(7)	Wind speed 125 knots.		

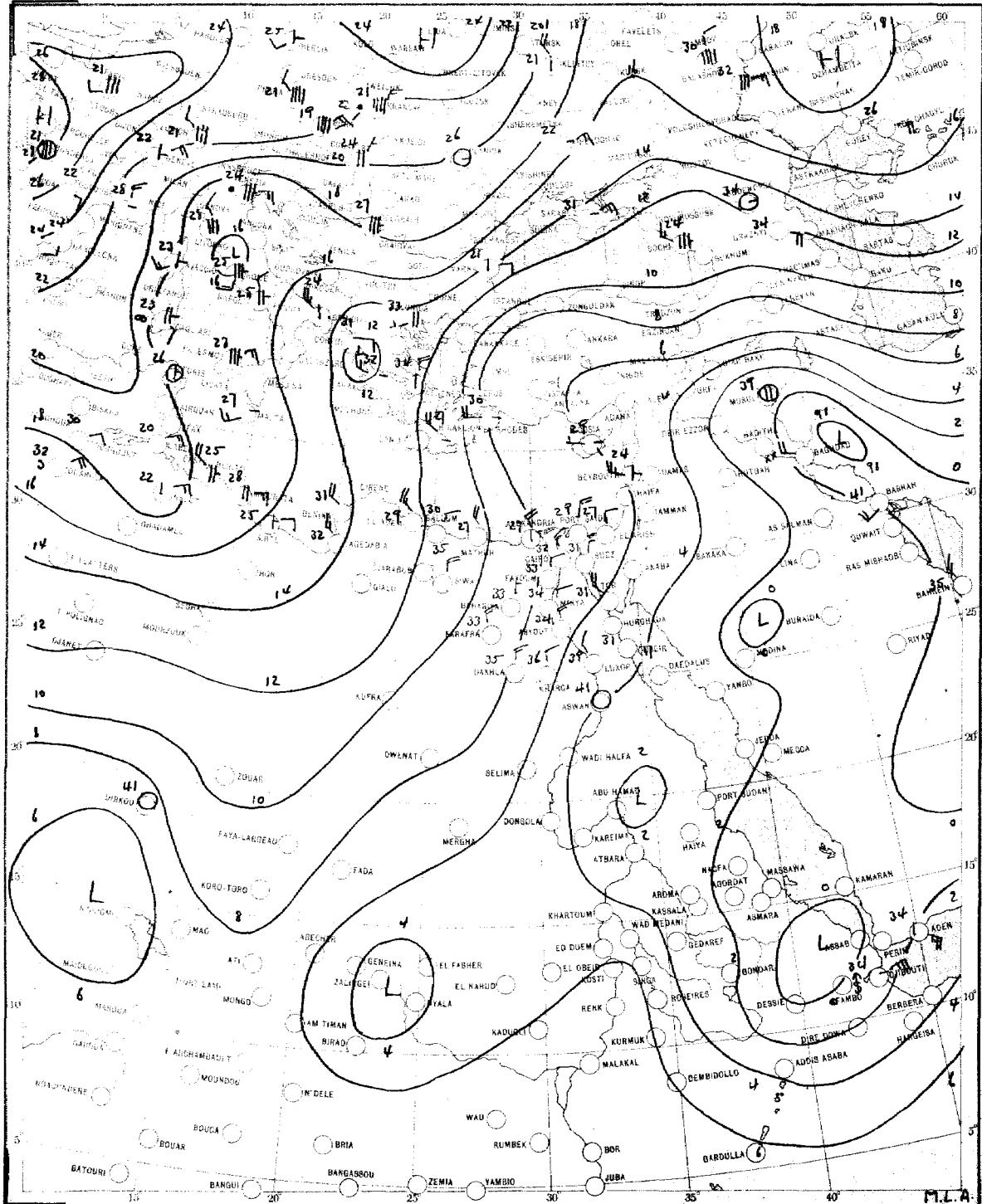
TEMPERATURE: In whole degrees centigrade.

CLEAR

DATE Thursday 17/6/1954 TIME

1200

UT.



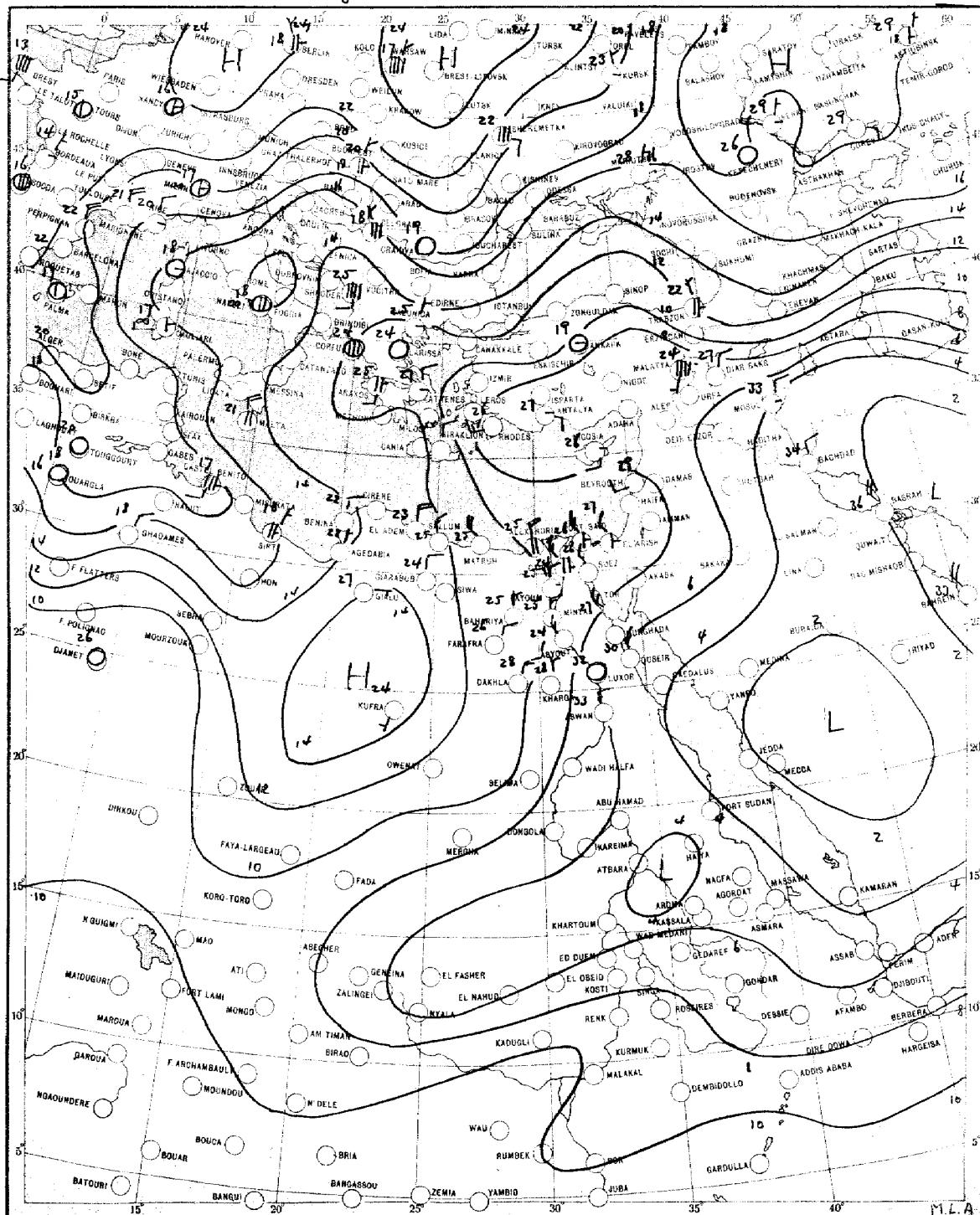
SCALE 1:20,000,000

M.L.A.

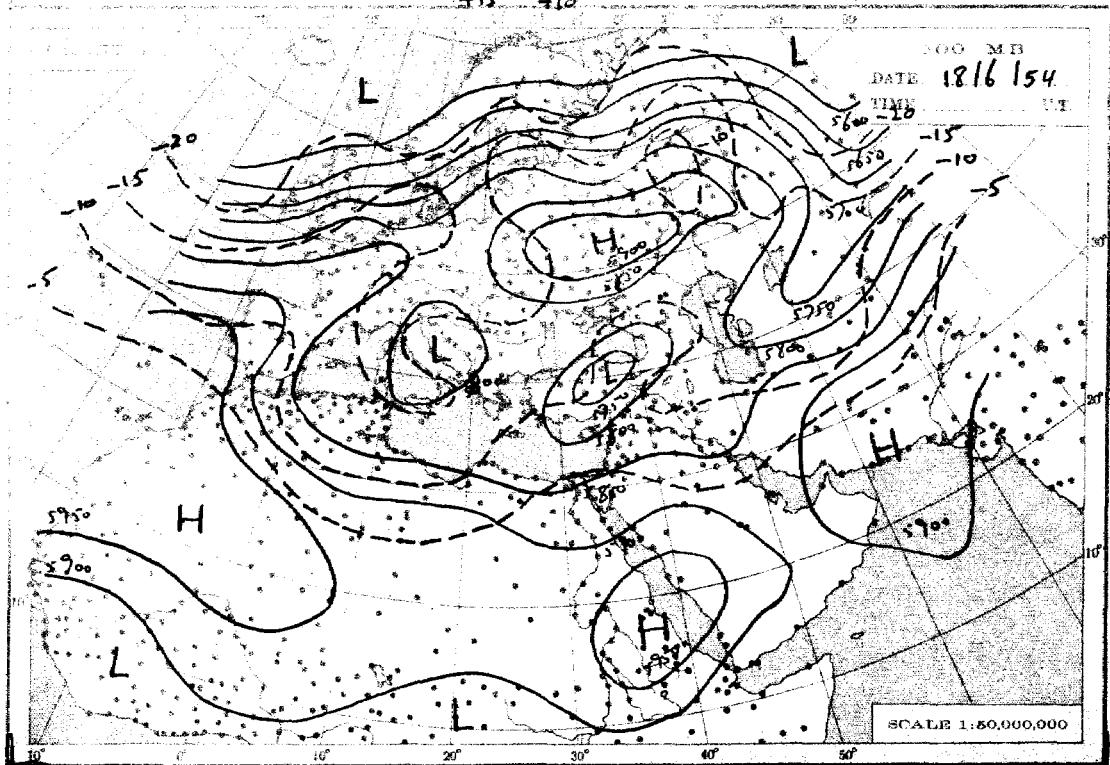
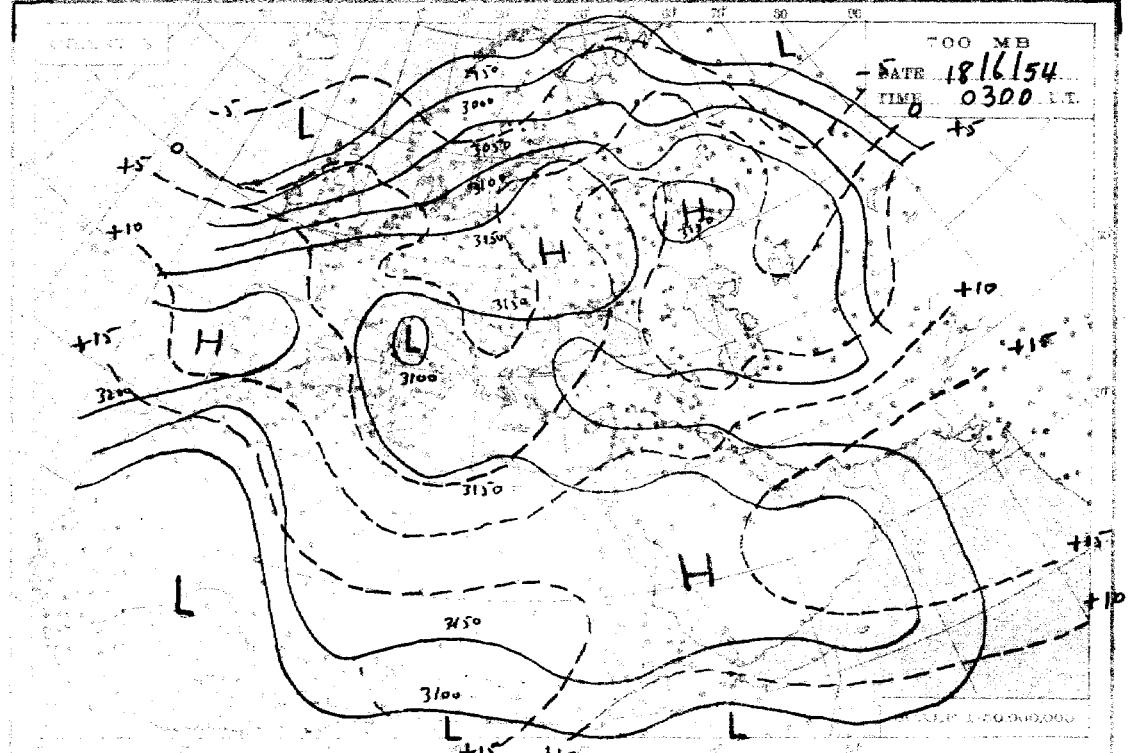
CHART 2

DATE Friday 18/6/1964 TIME 0600

U.T.



SCALE 1:20,000,000



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE 1:20,000,000; Projection Conical orthomorphic with two standard parallels 30° & 60° N.

BAROMETRIC PRESSURE: M. S. L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station. ◎

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N. octas) ◎ clear sky.

⊖ sky  $\frac{1}{8}$  covered. ⊖ sky  $\frac{2}{8}$  covered. ⊖ sky  $\frac{3}{8}$  covered.

⊖ sky  $\frac{4}{8}$  covered. ⊖ sky  $\frac{5}{8}$  covered. ⊖ sky  $\frac{6}{8}$  covered.

⊖ sky  $\frac{7}{8}$  covered. ⊖ sky  $\frac{8}{8}$  covered. ⊖ sky obscured.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

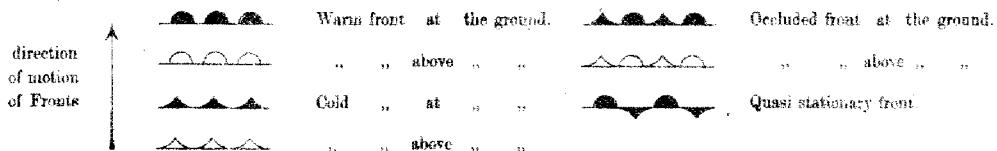
↑ Rising sand. -S+ Sand or Duststorm. = Mist. ≡ Fog. ∞ Haze.

• Drizzle. • Rain. ♀ Showers of Rain. ♂ Showers of Hail. ⚡ Showers of Snow.

⚡ Lightning. R Thunderstorm. \* Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms .. .. .. 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

◎ Calm.

Wind speed 5 knots.

Wind speed 10 knots.

Wind speed 20 knots.

Wind speed 50 knots.

Wind speed 85 knots.

Wind speed 125 knots.

TEMPERATURE: In whole degrees centigrade

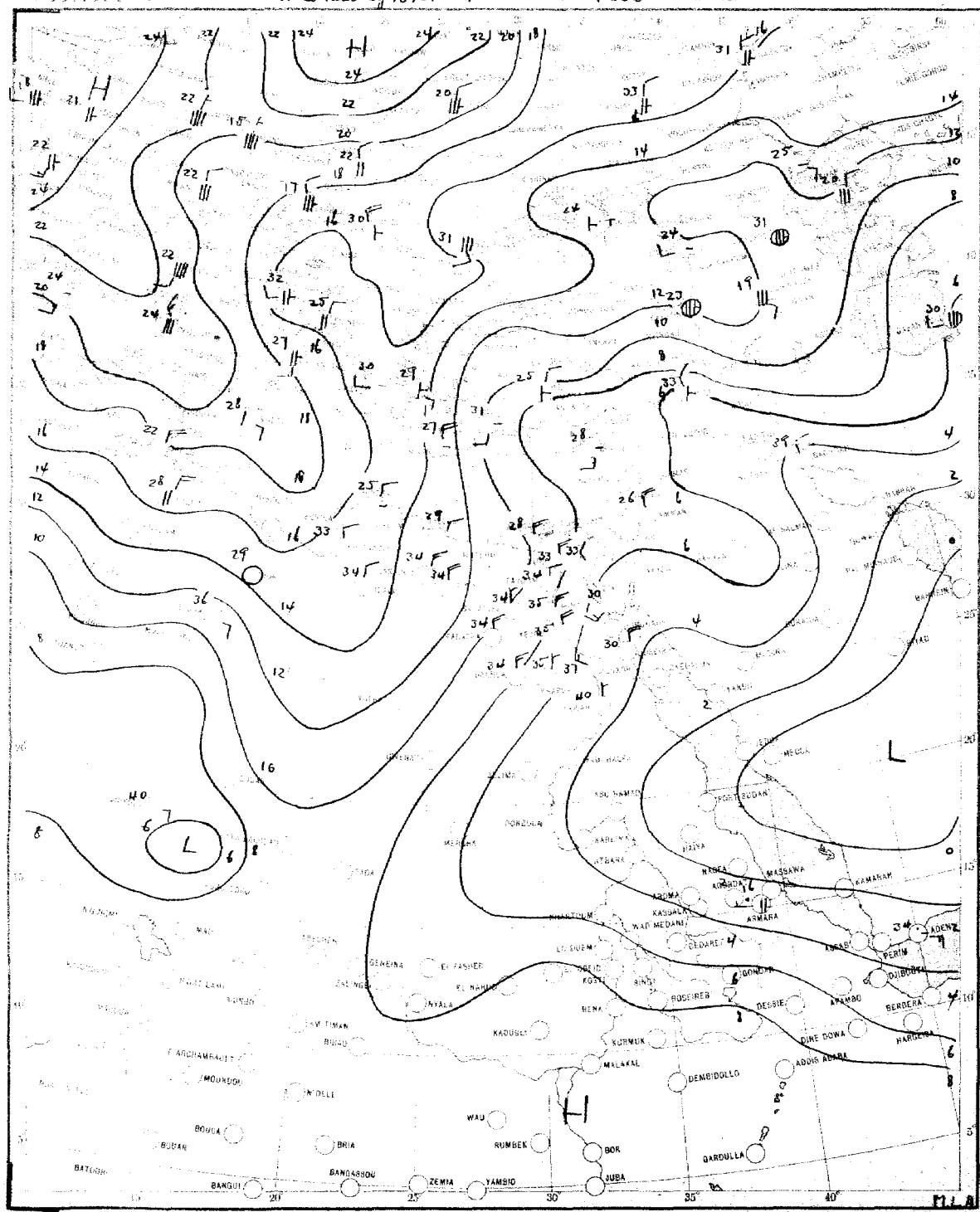


SHEARLINE

Wednesday 16/6/1944 TIME

1200

UT



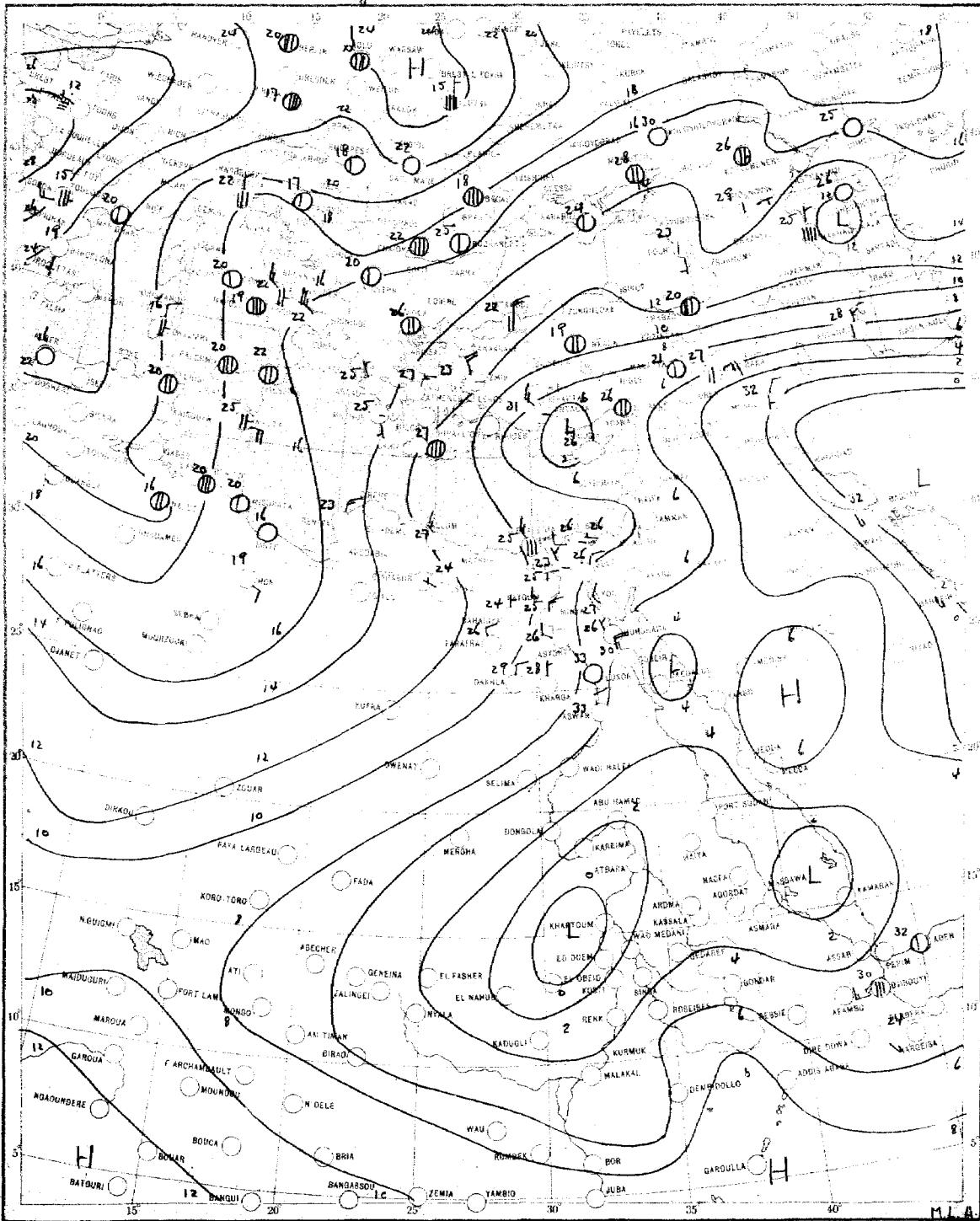
SCALE 1:20,000,000

PLA

CHART 2

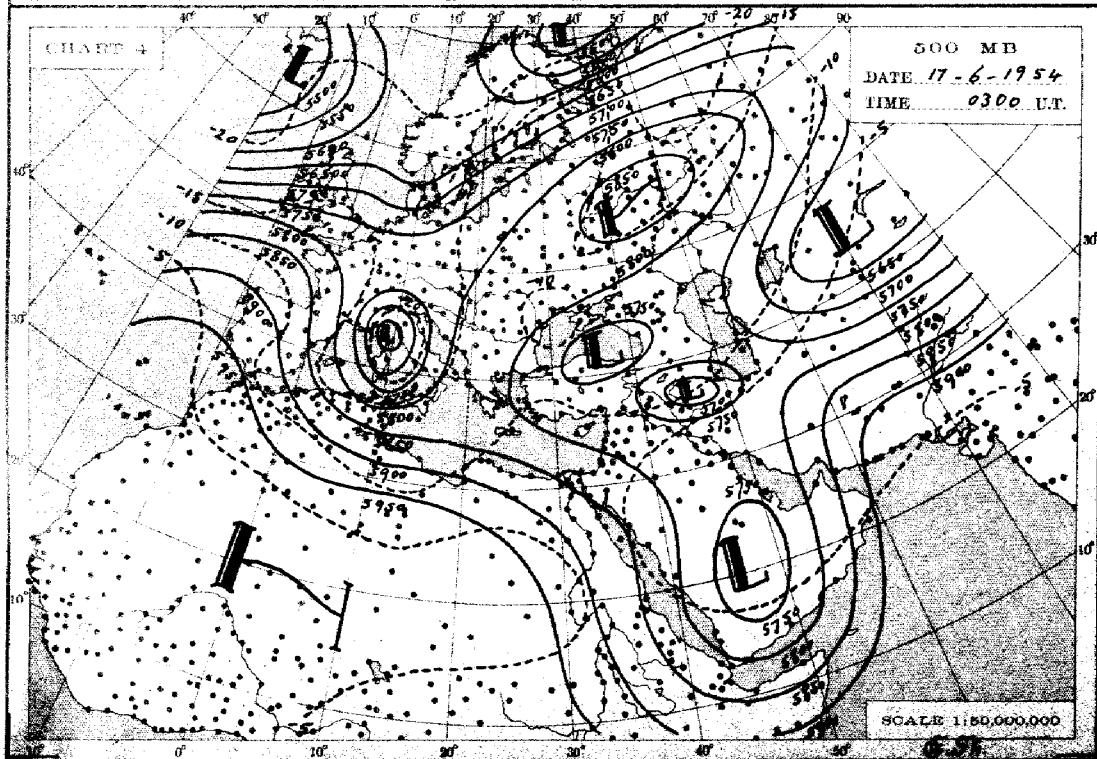
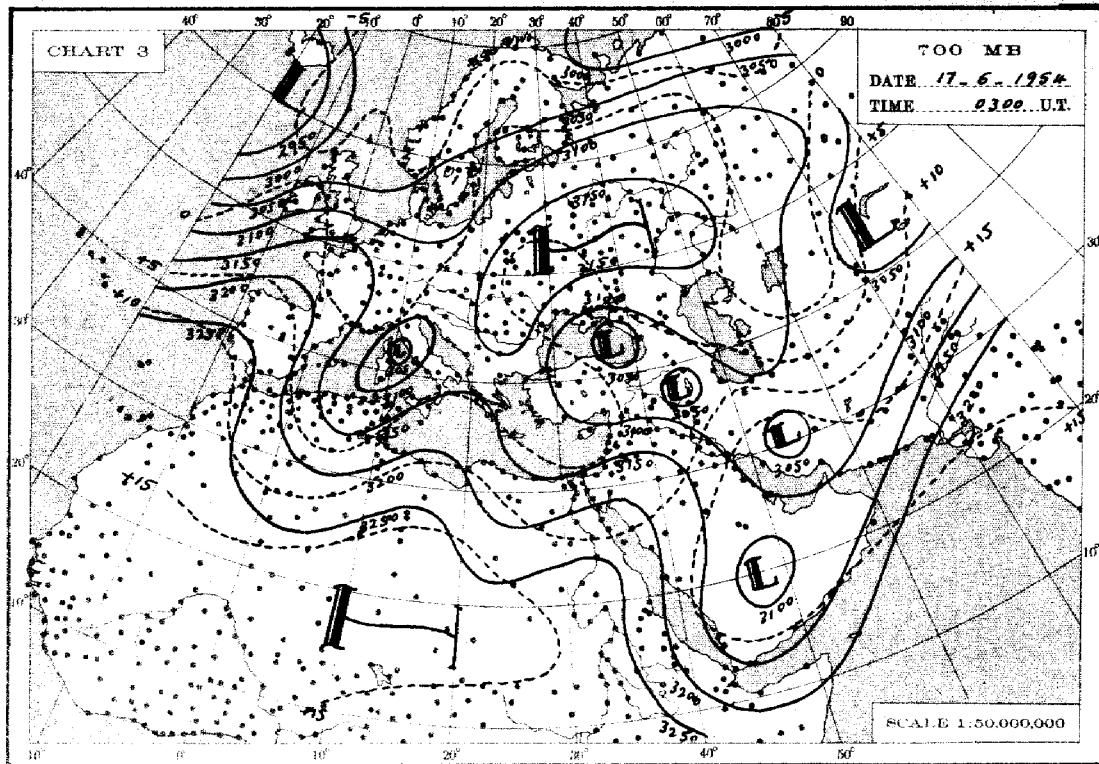
DATE Thursday 17/6/1964 TIME 0600

UT



SCALE 1:20,000,000

MIA



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT  
SYNOPTIC CHARTS

## EXPLANATIONS:

### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:20,000,000. Projection Conical orthomorphic with two standard parallels 30° & 60° N.

BAROMETRIC PRESSURE: M. S. L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station.

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N. octa.)

clear sky.

sky 1/2 covered. sky 1/4 covered. sky 3/4 covered.

sky 1/2 covered. sky 1/4 covered. sky 3/4 covered.

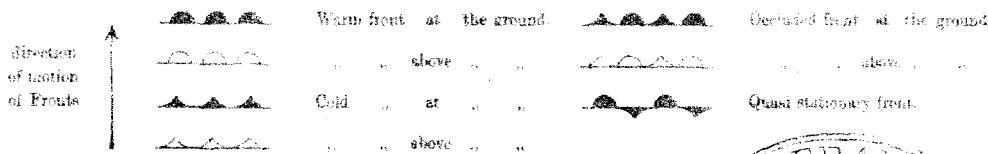
sky 1/2 covered. sky 1/4 covered. sky obscured.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

	Rain or sand.		Sand or dust storm.		Mist.		Fog.		Haze.
	Dust.		Rain.		Showers of Rain.		Showers of Hail.		Showers of Snow.
	Lightning.		Thunder-storm.		Snow.				

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.



### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms ... ... ... 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

Calm. Wind speed 5 knots. Wind speed 10 knots. Wind speed 25 knots.

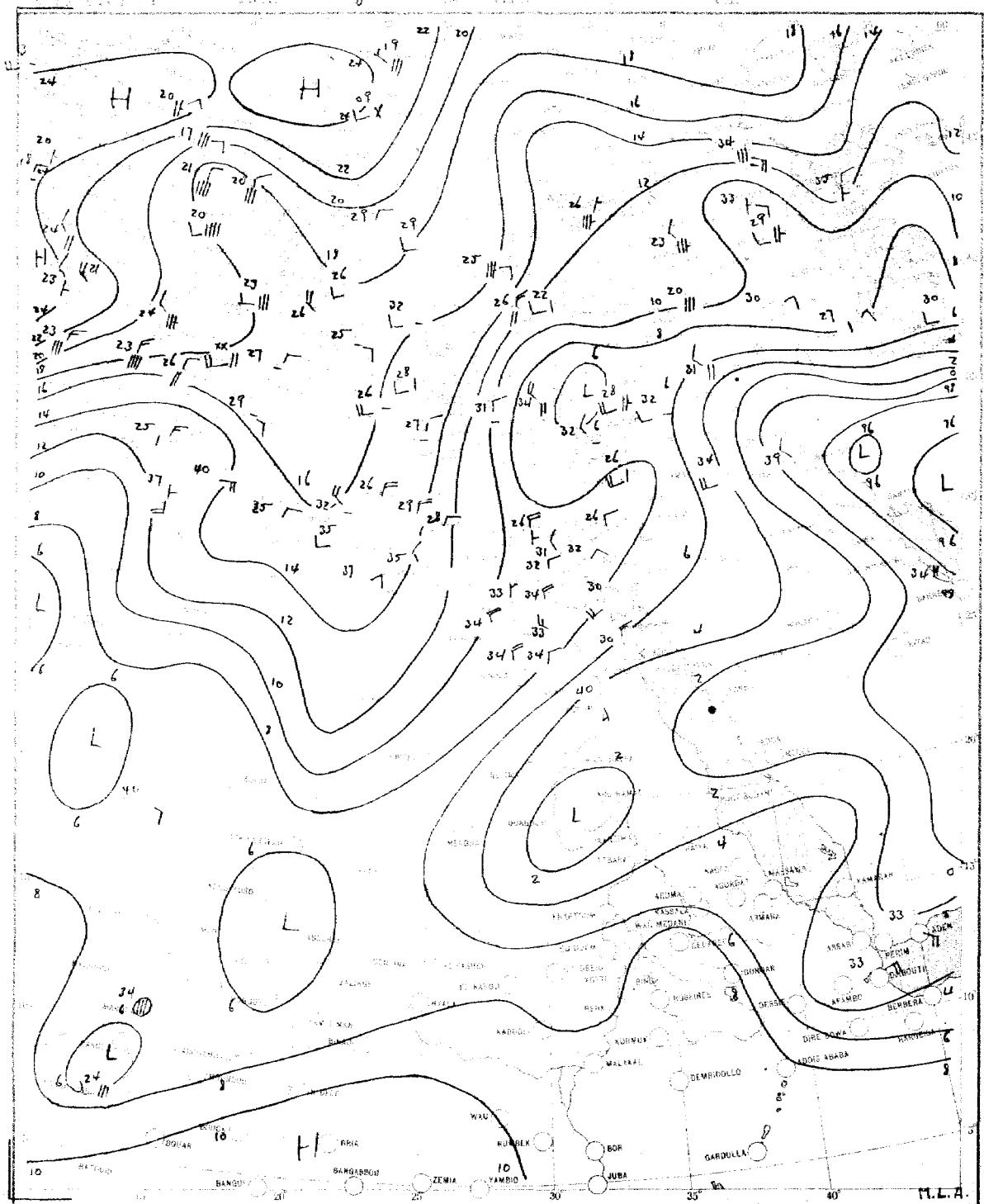
Wind speed 50 knots. Wind speed 85 knots. Wind speed 125 knots.

TEMPERATURE: In whole degrees centigrade



Tuesday 15/6/1

1200 1200 STATE



SCALE 1:20,000,000

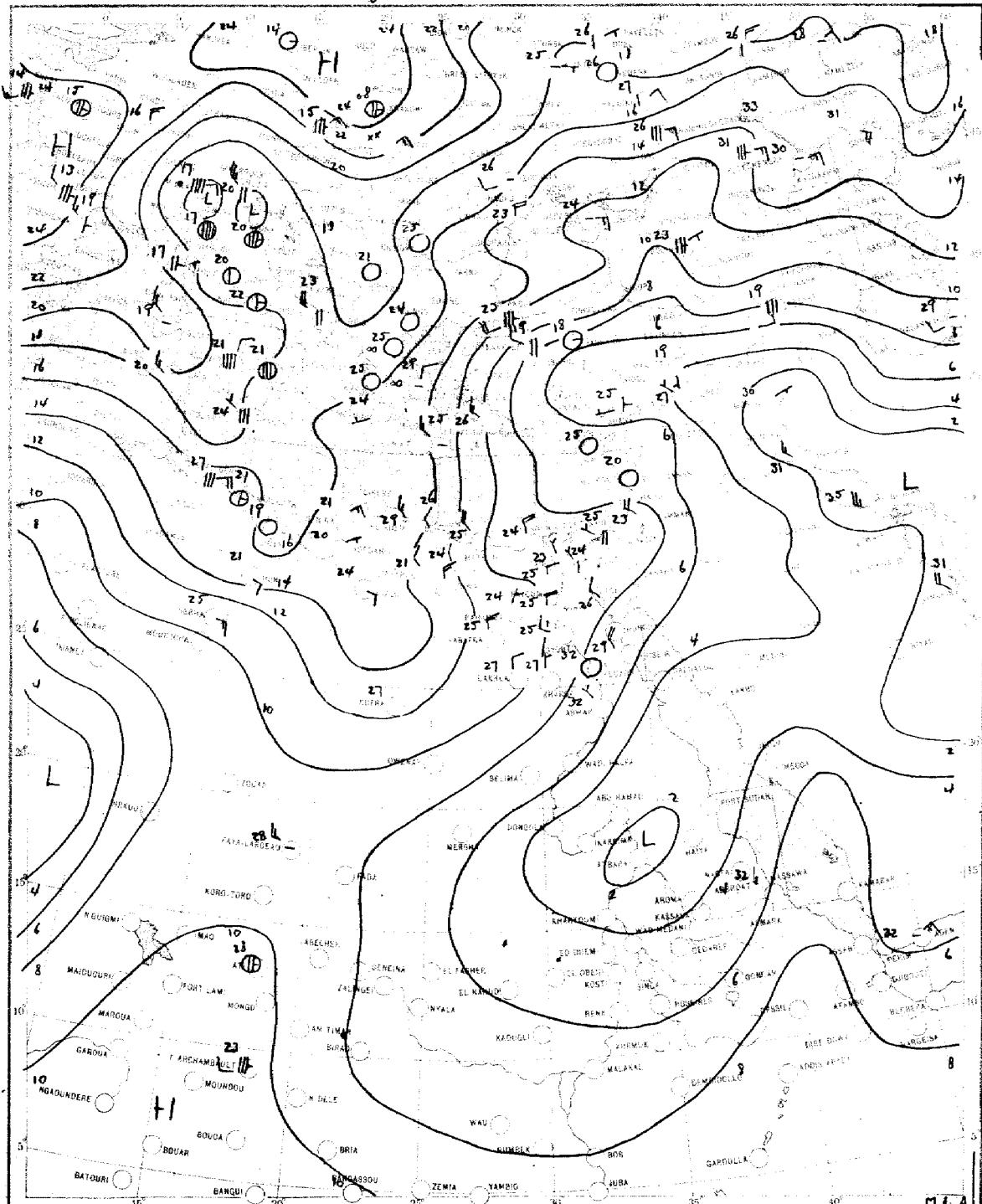
M.L.A.

CHART 2

DATE Wednesday 16/6/1964 TIME 0600

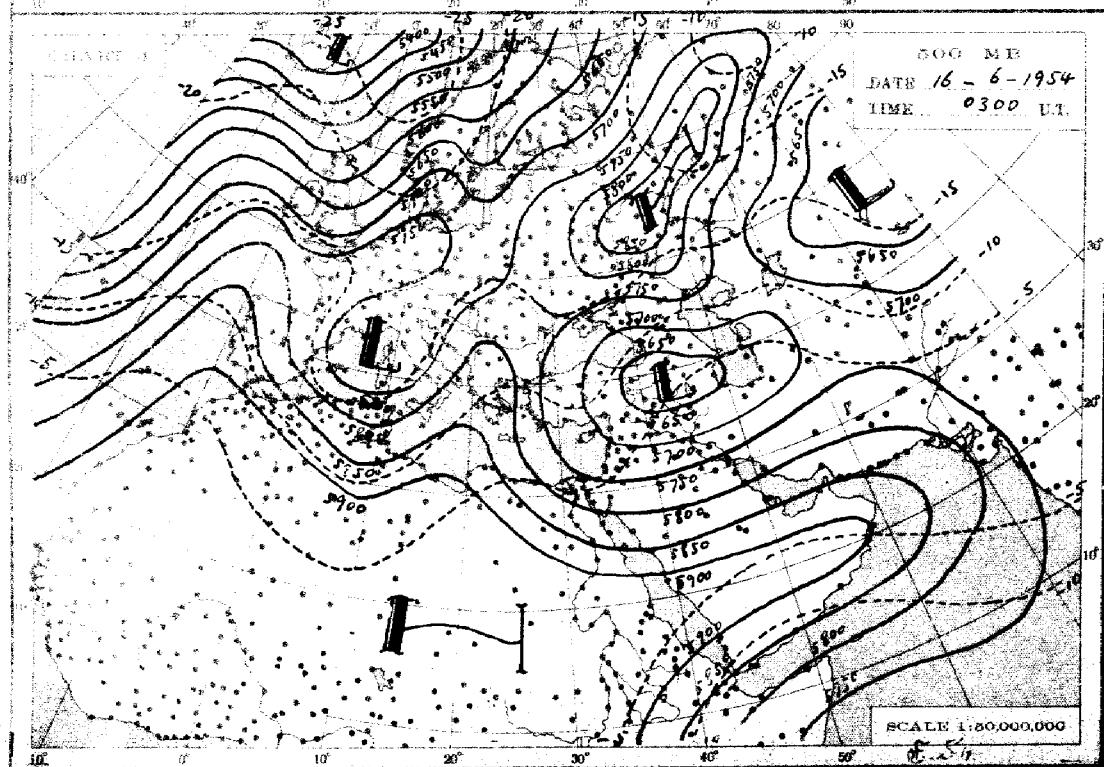
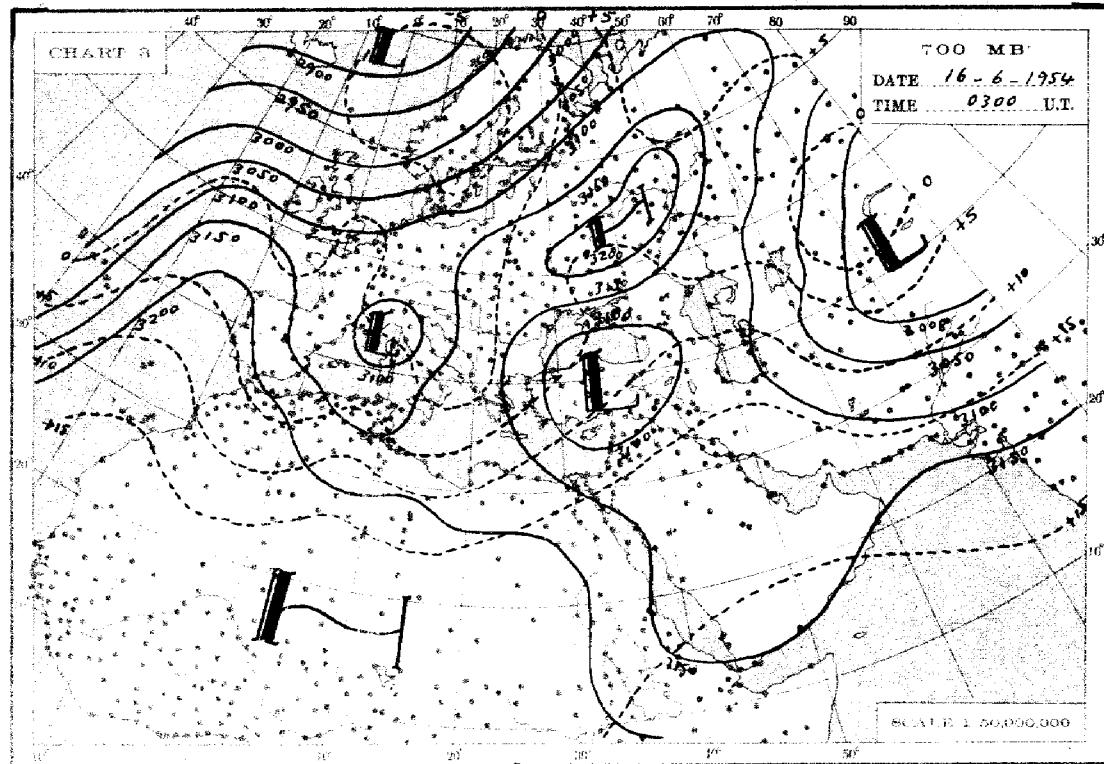
0600

UT



SCALE 1:20,000,000

M.L.A



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:50,000,000; Projection: Conic stereographic with two standard parallels 30° & 39° N.

BAROMETRIC PRESSURE: In millibars. Isobars are drawn every 2 mb. Above

WIND: Arrows fly with the wind. A full length feather indicates 8 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station. 

TEMPERATURE: In whole degrees centigrade, inserted inside the station circle

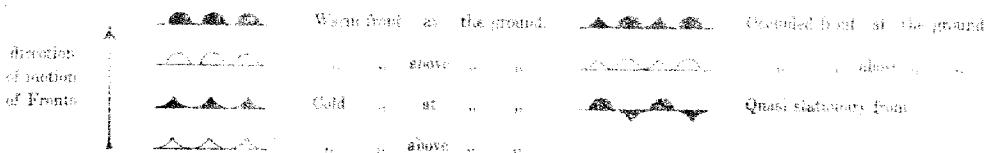
TYPE OF SKY:	Mean amount of cover	Symbole	Description
○	sky ½ covered		sky ½ covered
○	sky ¾ covered		sky ¾ covered
○	sky ½ covered		sky ½ covered
○	sky ¾ covered		sky obscured

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle

§	Fog or smoke	—	Sand or dust storm	—	Wind	—	Fog	—	Haze
+	Drizzle	*	Rain	*	Thunderstorms	*	Showers of Rain	*	Showers of Snow
¶	Lightning	—	Thunderstorms	—	Snow	—	—	—	—

Note: Three symbols show the nature of the phenomena, but not the intensity or duration

FRONTS: Or surfaces of separation between different air masses



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitude. (Continuous lines)

Isotherms are in °F. (Broken lines)



WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

	Calm		Wind speed 5 knots		Wind speed 10 knots		Wind speed 20 knots
	Wind speed 50 knots		Wind speed 85 knots		Wind speed 125 knots		

TEMPERATURE: In whole degrees centigrade

CHART 1

DATE Monday 14/16/1964 TIME 1200 U.T.

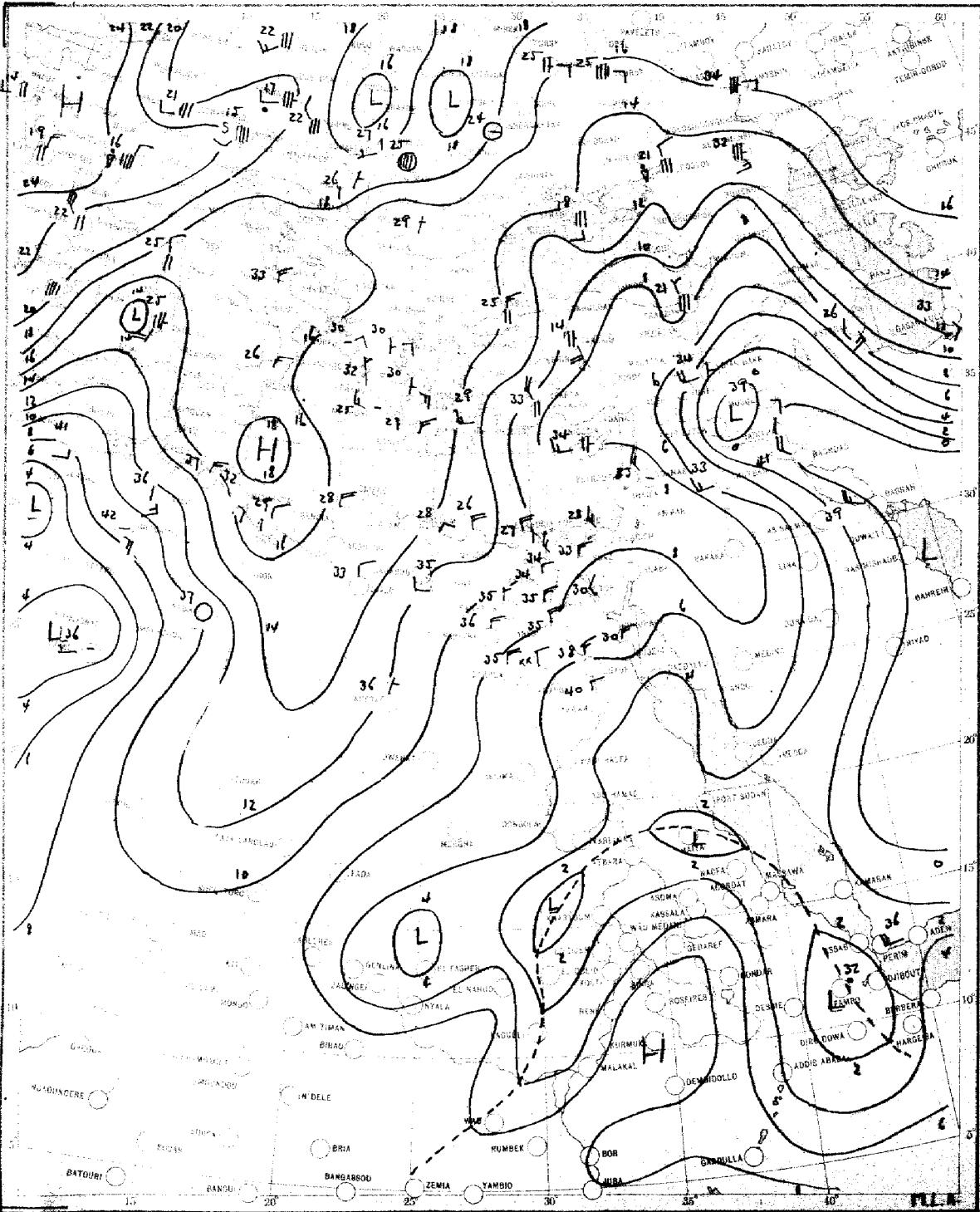
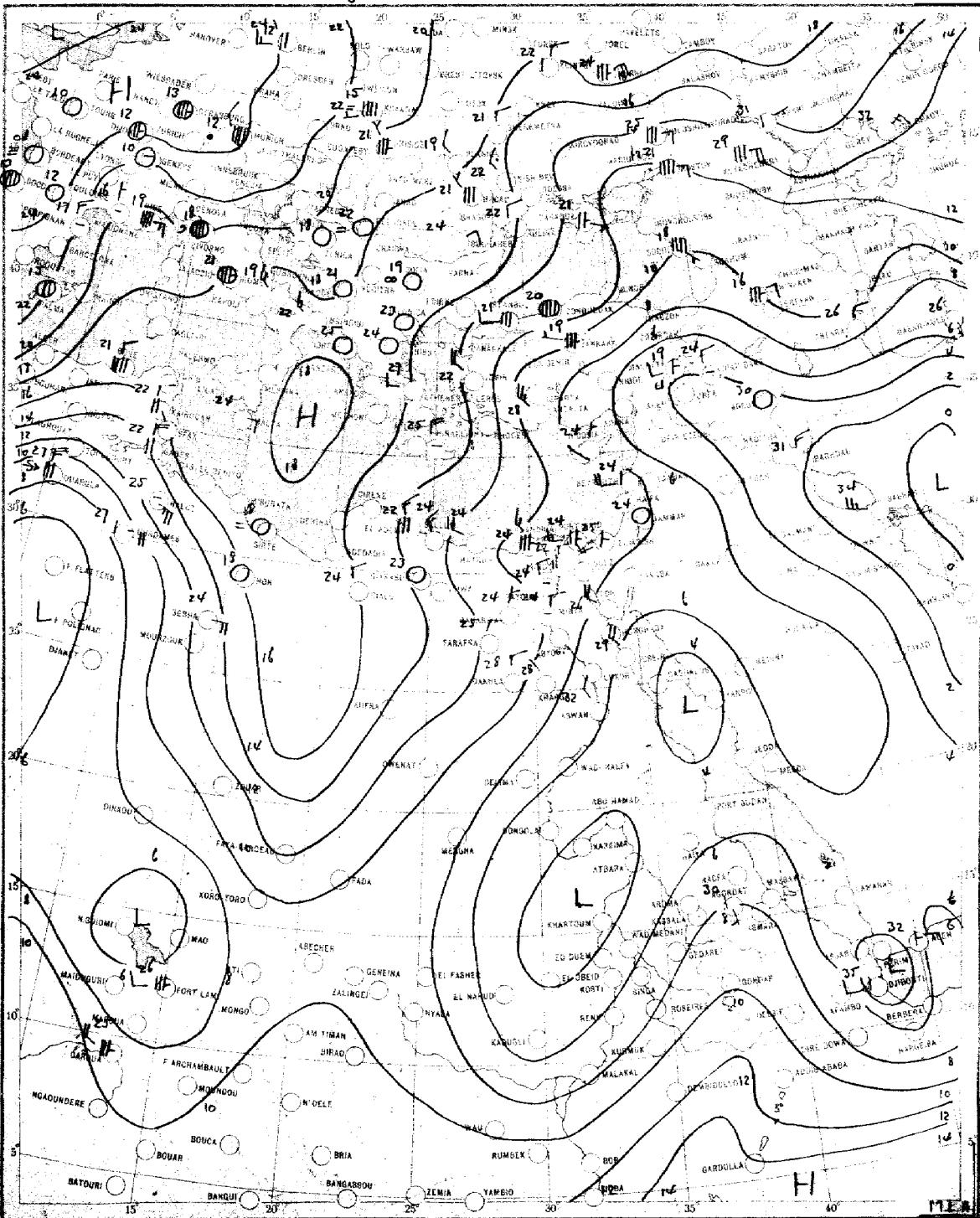


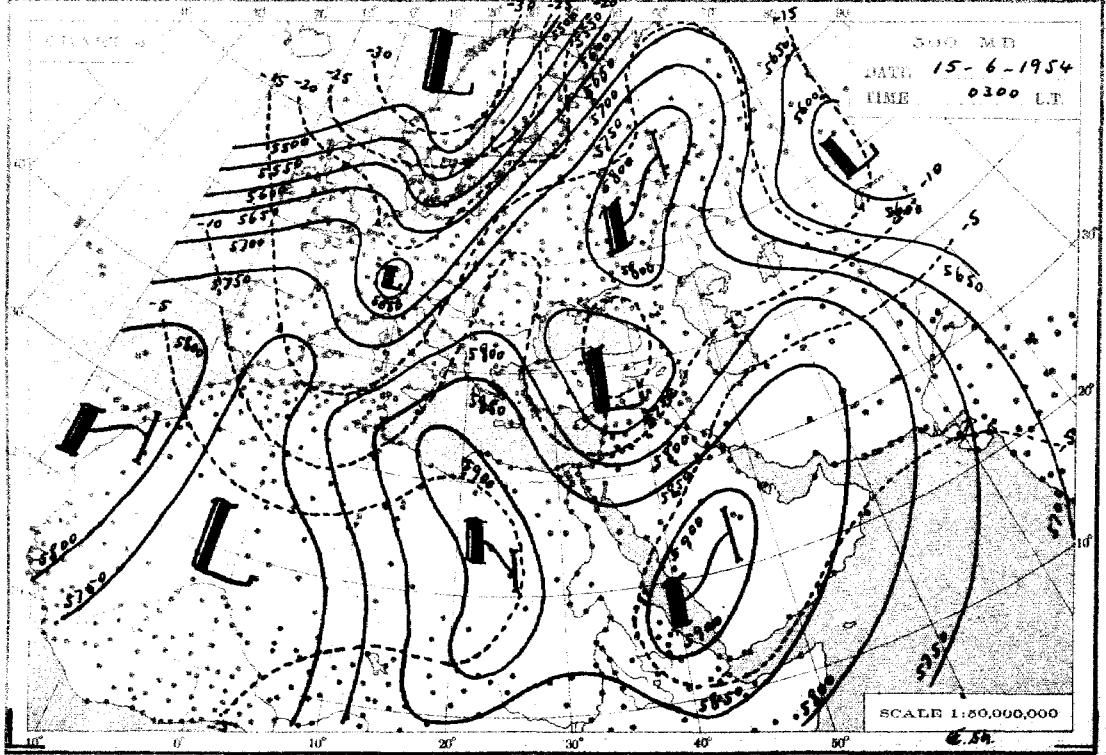
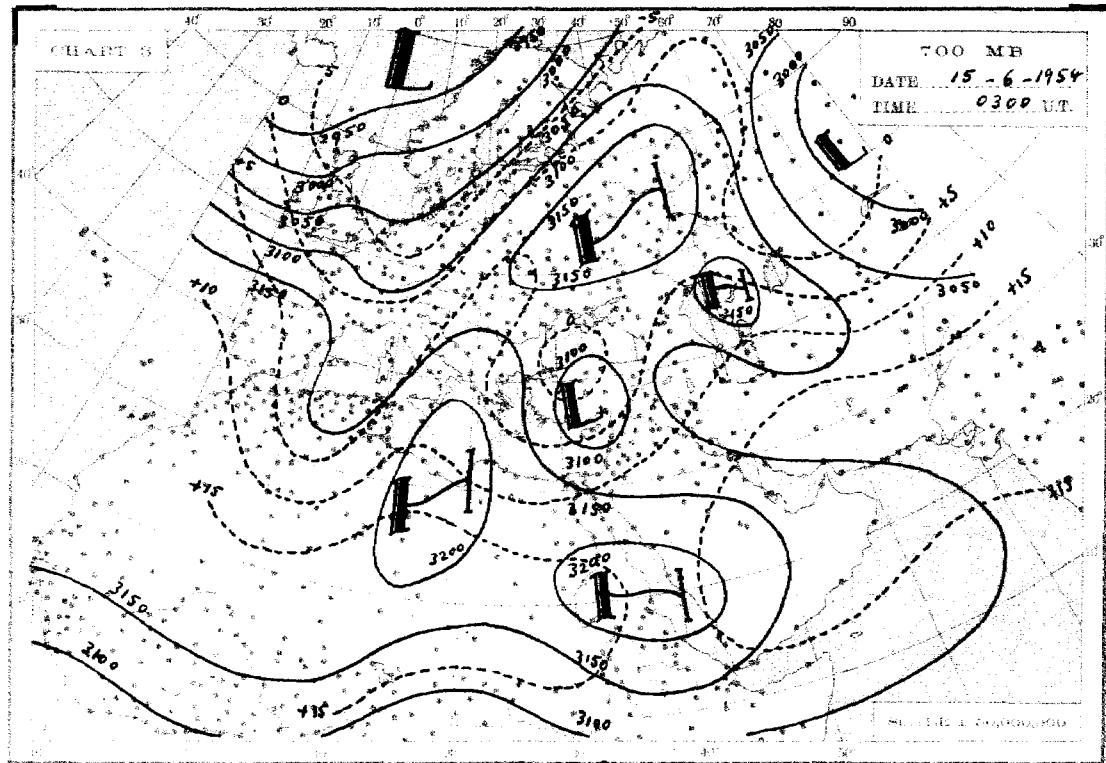
CHART 2

DATE Tuesday 15/6/1964 TIME 0600

E.T.



SCALE 1:20,000,000



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:20,000,000; Projection Conic orthomorphic with two standard parallels 26° & 60° N.

BAROMETRIC PRESSURE: M.S.L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale and a short feather one step. Calm is indicated by a circle outside the station. 

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: Total amount N. obscure.

 clear sky.

 sky 1/8 covered  sky 1/4 covered  sky 1/2 covered

 sky 3/8 covered  sky 5/8 covered  sky 7/8 covered.

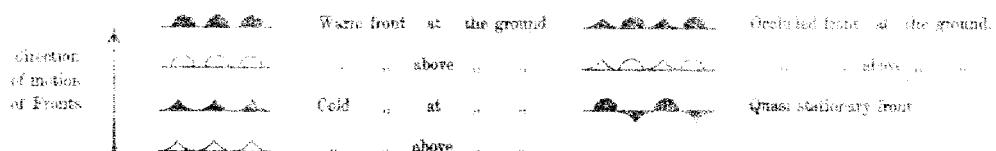
 sky 1/8 covered  sky 1/4 covered  sky obscured.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

	Absent, and		Sand or Sandstorm.		Mist		Fog.		Rain.
	Dazzle.		Rain		Showers of Rain.		Showers of Mist		Showers of Snow.
	Lightning.		Thunderstorms.		Snow				

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: (i) surfaces of separation between different air masses.



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms ... ... ... 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

 Calm.  Wind speed 5 knots.  Wind speed 10 knots.  Wind speed 25 knots.

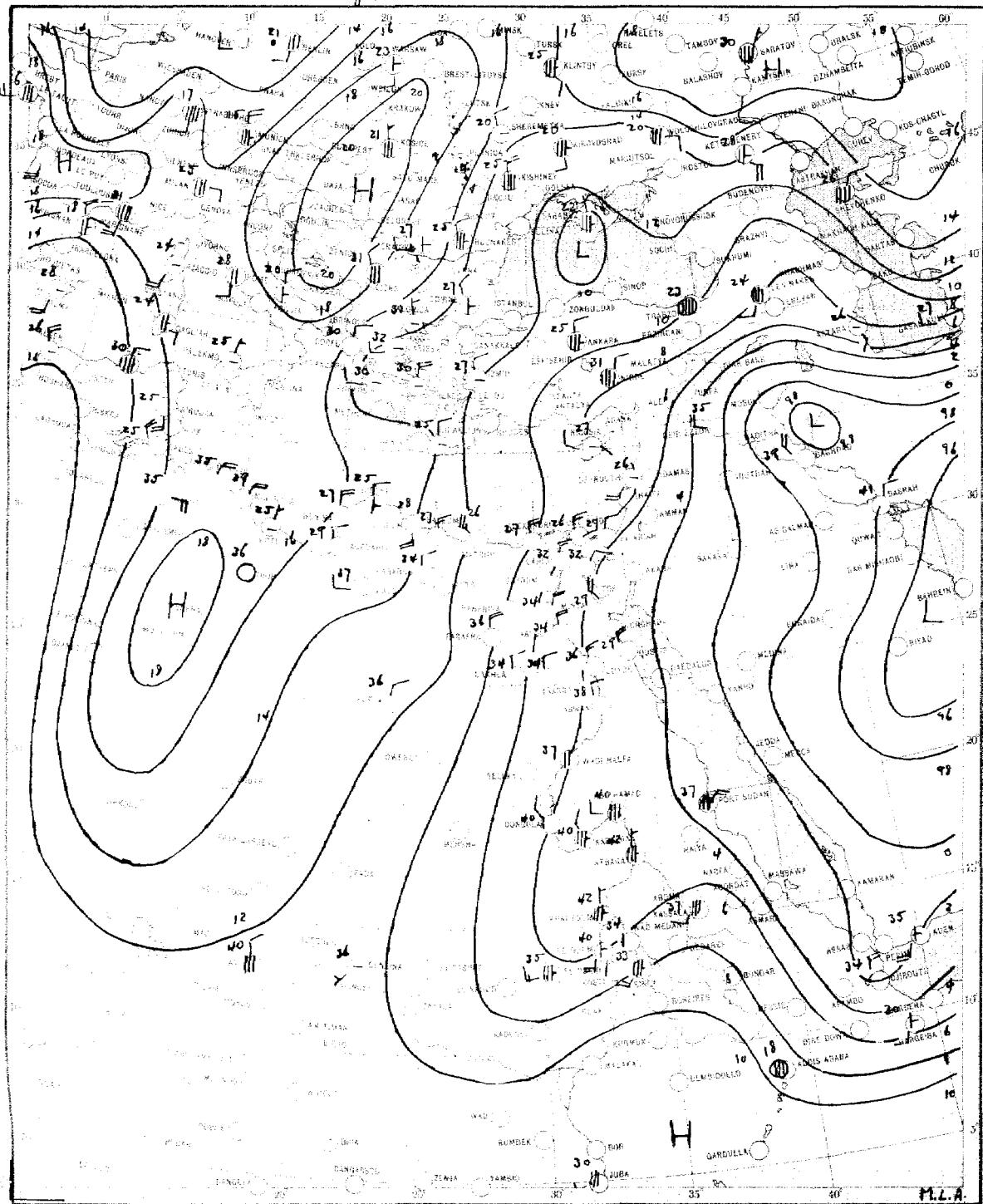
 Wind speed 50 knots.  Wind speed 85 knots.  Wind speed 125 knots.

TEMPERATURE: In whole degrees centigrade

CHART 1

DATE Sunday 13/16/1954 TIME 1200

U.T.



SCALE 1:50,000,000

M.L.A.

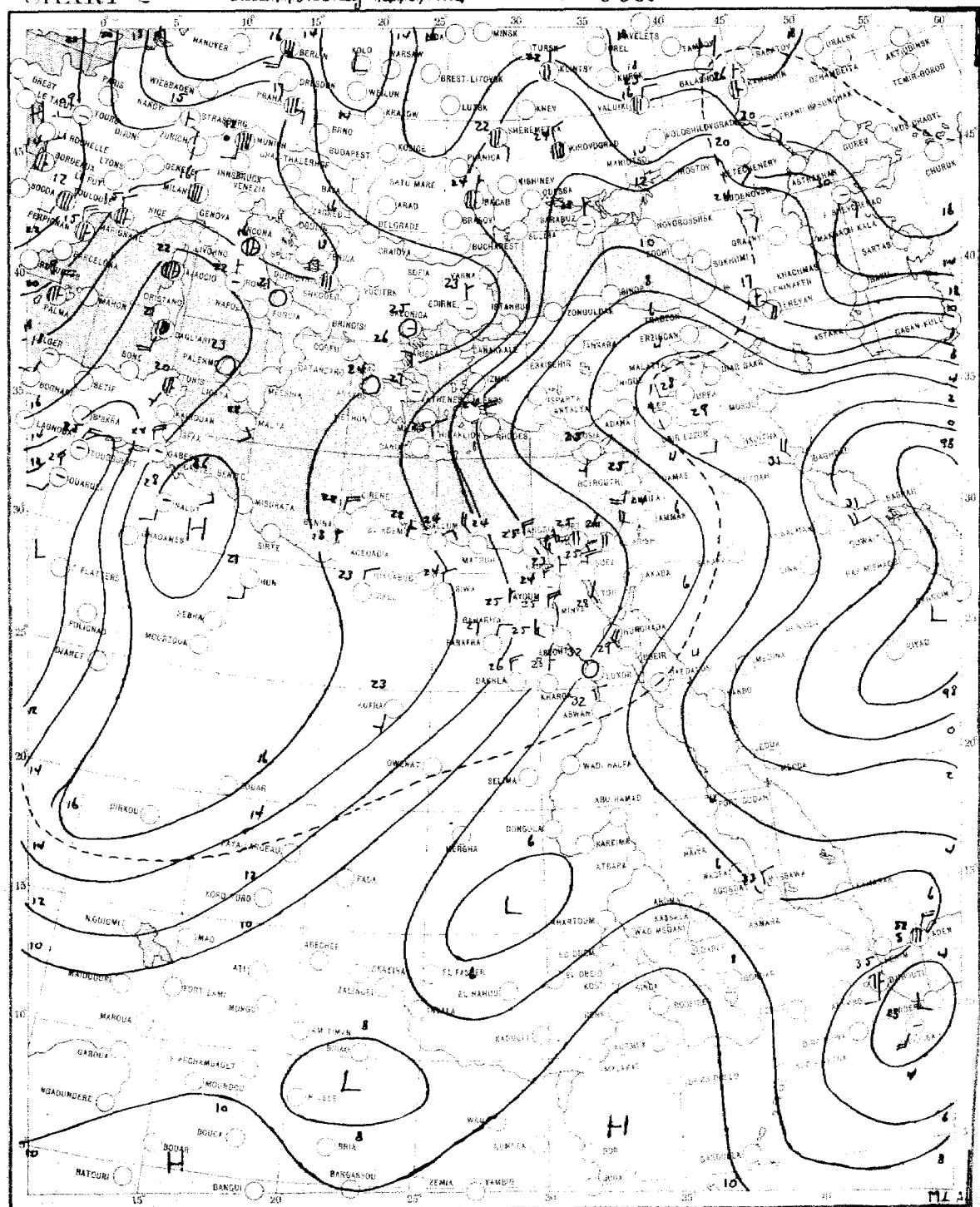
CHART 2

DATE Monday 14/6/1964

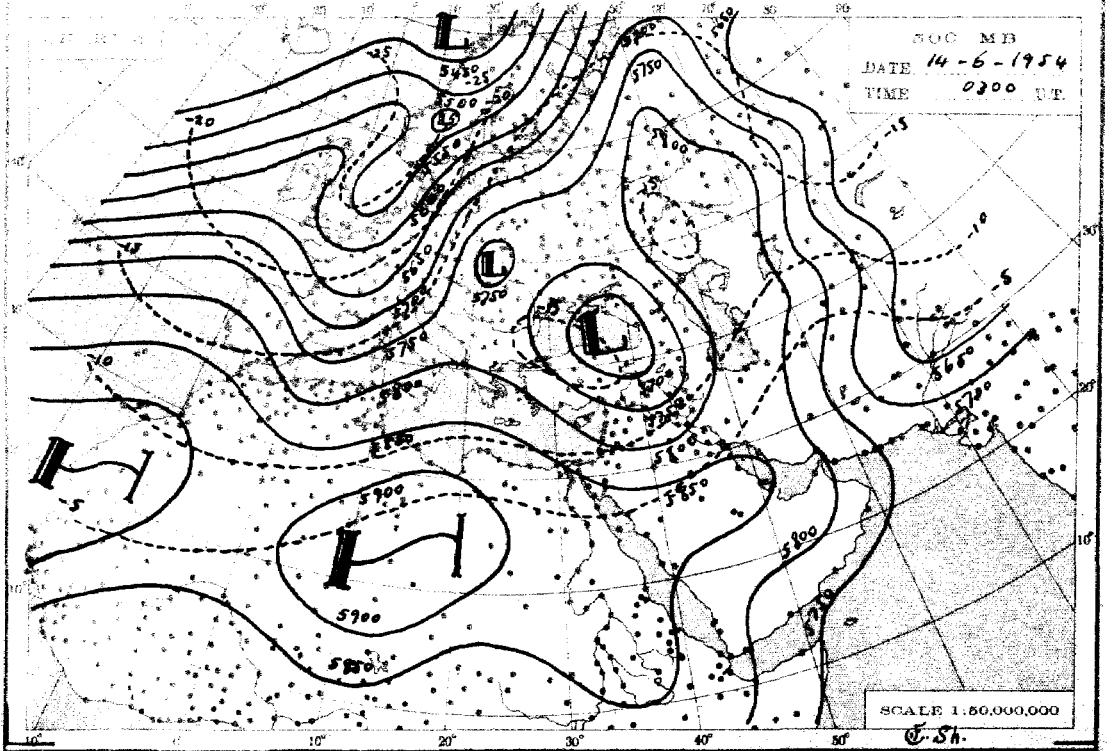
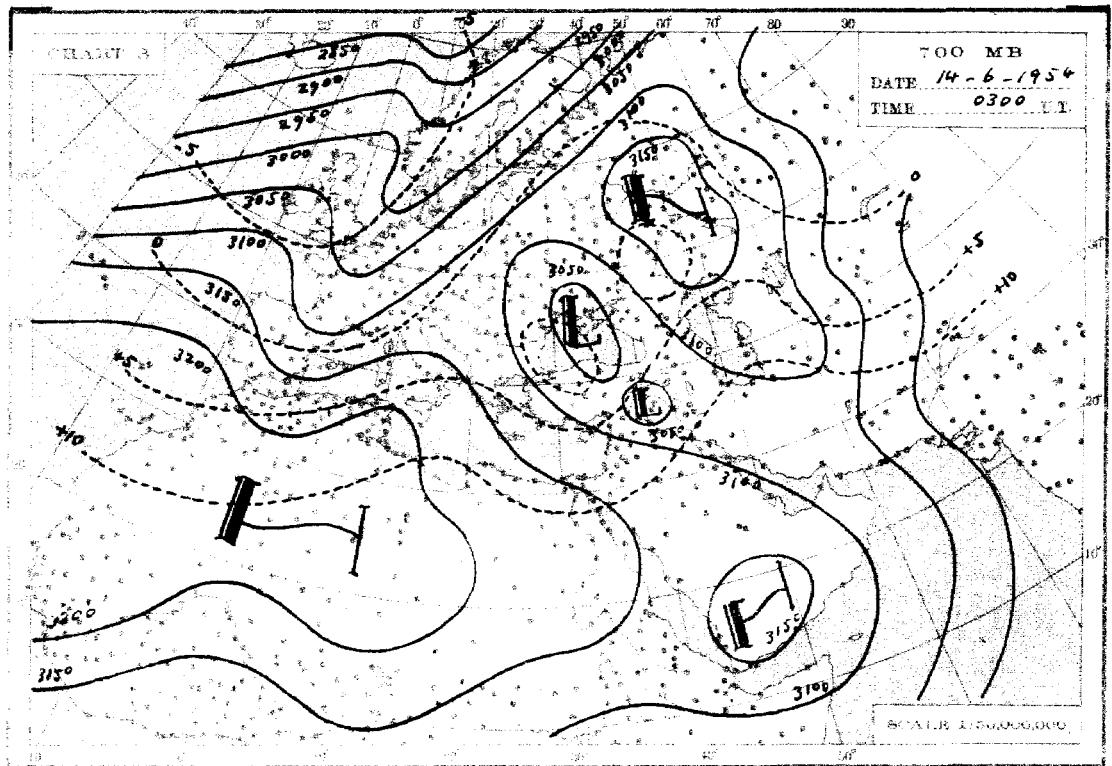
TIME

0600

C.T.



SCALE 1:20,000,000



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:20,000,000. Projection Conical orthomorphic with two standard parallels 30° or 60° N.

BAROMETRIC PRESSURE: M.S.L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station. 

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N. octant)

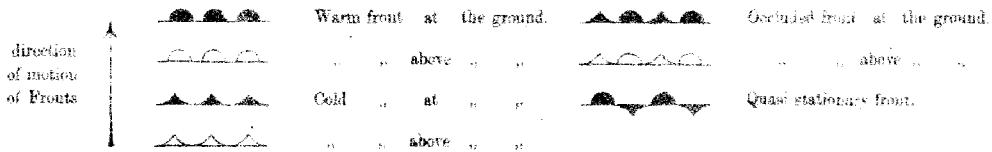
- |   |                  |   |                  |   |                  |
|---|------------------|---|------------------|---|------------------|
|  | sky 1/4 covered. |  | sky 1/2 covered. |  | sky 3/4 covered. |
|  | sky 1/4 covered. |  | sky 1/2 covered. |  | sky 3/4 covered. |
|  | sky 1/4 covered. |  | sky 1/2 covered. |  | sky obscured     |

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

	Rising sand.		Sand or Dust-storm.	=	Mist.		Fog.		Haze.
*	Breeze.	*	Rain.	*	Showers of Rain.	*	Showers of Hail.	*	Showers of Snow.
	Lightning.		Thunder-storm.	-	Snow.				

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.



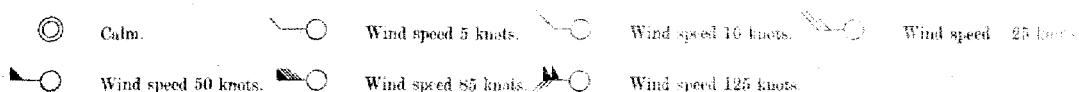
#### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000: Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitude (Continuous lines)

Isotherms „ „ „ „ 5° C (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

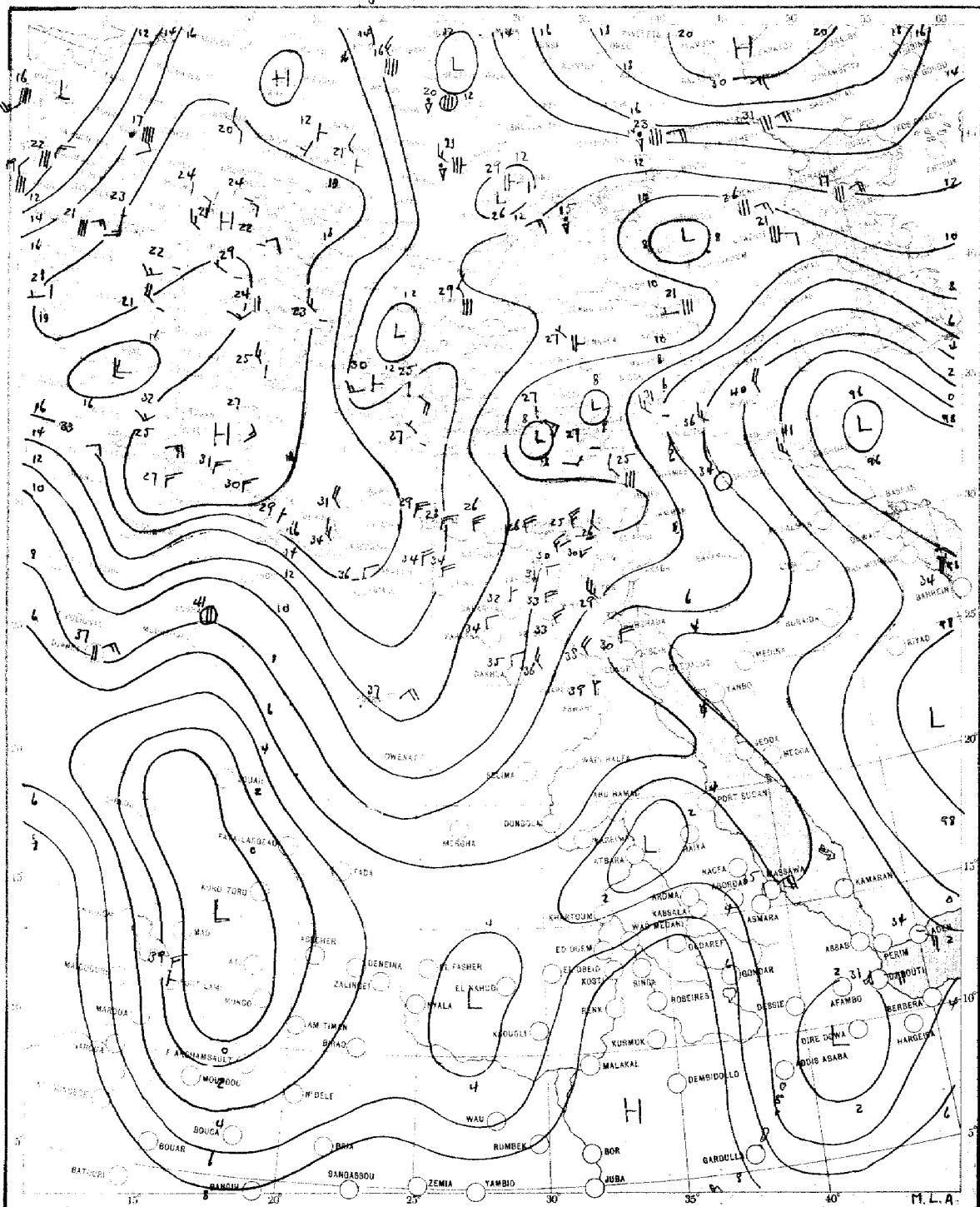


TEMPERATURE: In whole degrees centigrade

CHART 1

DATE Saturday 12/16/1944 TIME 1200

U.L.

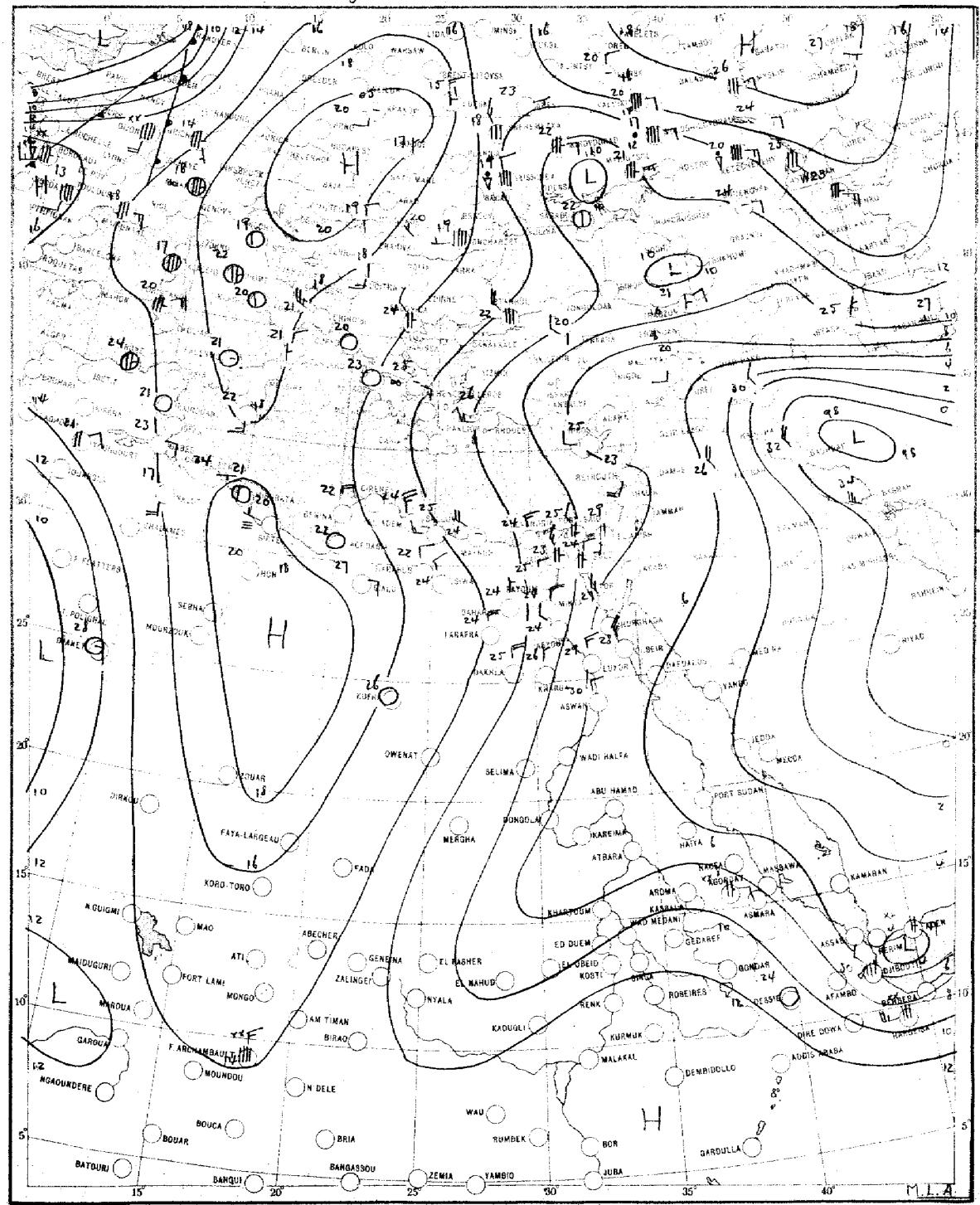


SCALE 1:20,000,000

CHART 2

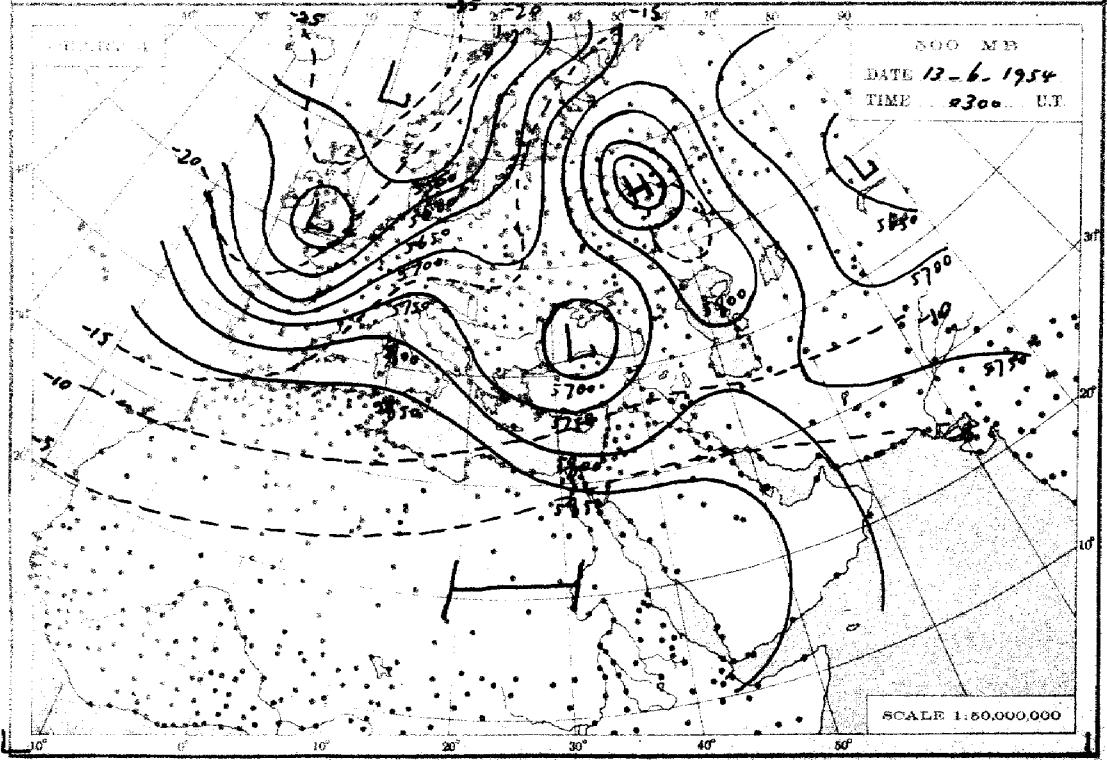
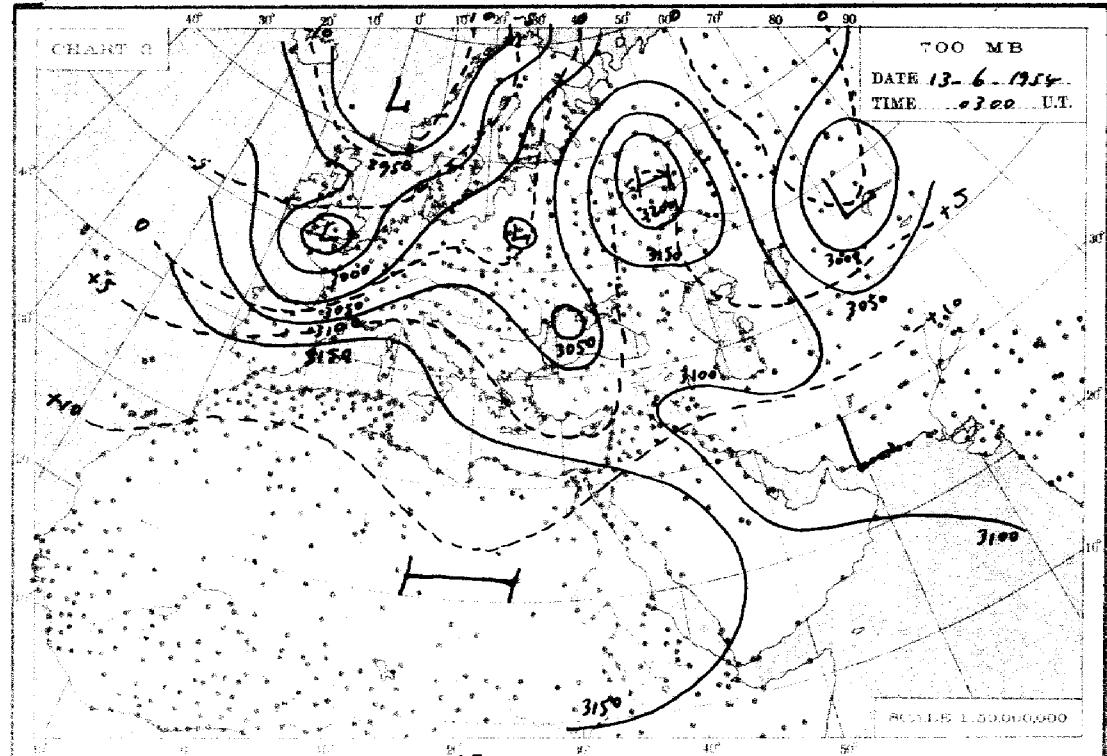
DATE Sunday 15/6/1964 TIME 0600

T.T.



SCALE 1:20,000,000

M.L.A.



# THE DAILY WEATHER REPORT

## WEATHER REPORT OF THE STATION - DATE - 1947

### STATION REPORTS

#### EXPLANATIONS:

##### CHARTS 3 & 4 (Surface Charts).

Cloud. A dot or jagged line is drawn with a thin diagonal line through the dot.

PRECIPITATION. Crossed lines (X) are drawn over the areas of rainfall.

WIND. Arrows fly with the wind. Wind speed is indicated by steps on the horizontal scale, each step being 5 knots. When a horizontal line is drawn outside the station, the wind blows from the direction of the line.

TEMPERATURE. In whole degrees centigrade. Use vertical lines to divide the scale to obtain

CLIMATE SYMBOLS. Symbols and X are used to show dryness.

- (1) Dry (1) covered (2) dry (3) very dry
- (2) slightly covered (3) dry (4) very dry
- (3) half covered (4) very covered (5) dry obscured

##### CHARTS 5 & 6 (Surface Symbols)

- (1) Drifting snow (2) hard rain (3) soft rain (4) drizzle (5) fog (6) rain
- (7) Drizzle (8) rain (9) flowers at dawn (10) flowers of dusk (11) flowers of dawn (12) flowers of dusk
- (13) Lightning (14) Thunderstorms (15) Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS. Air surfaces of separation between different air masses

	WARM FRONT	COLD FRONT	LOW PRESSURE	HIGH PRESSURE	OBSTACLES IN THE GROUND
junction					
obstruction					
fronts					

#### CHARTS 3 & 4 (Upper Air Charts)

SCALE. 1:30,000,000 Projection (same as Charts 1 & 2).

Contours are drawn every 50 gm of Altitudes (Continuous lines).

Isotherms ... ... ... ... °C (Broken lines).

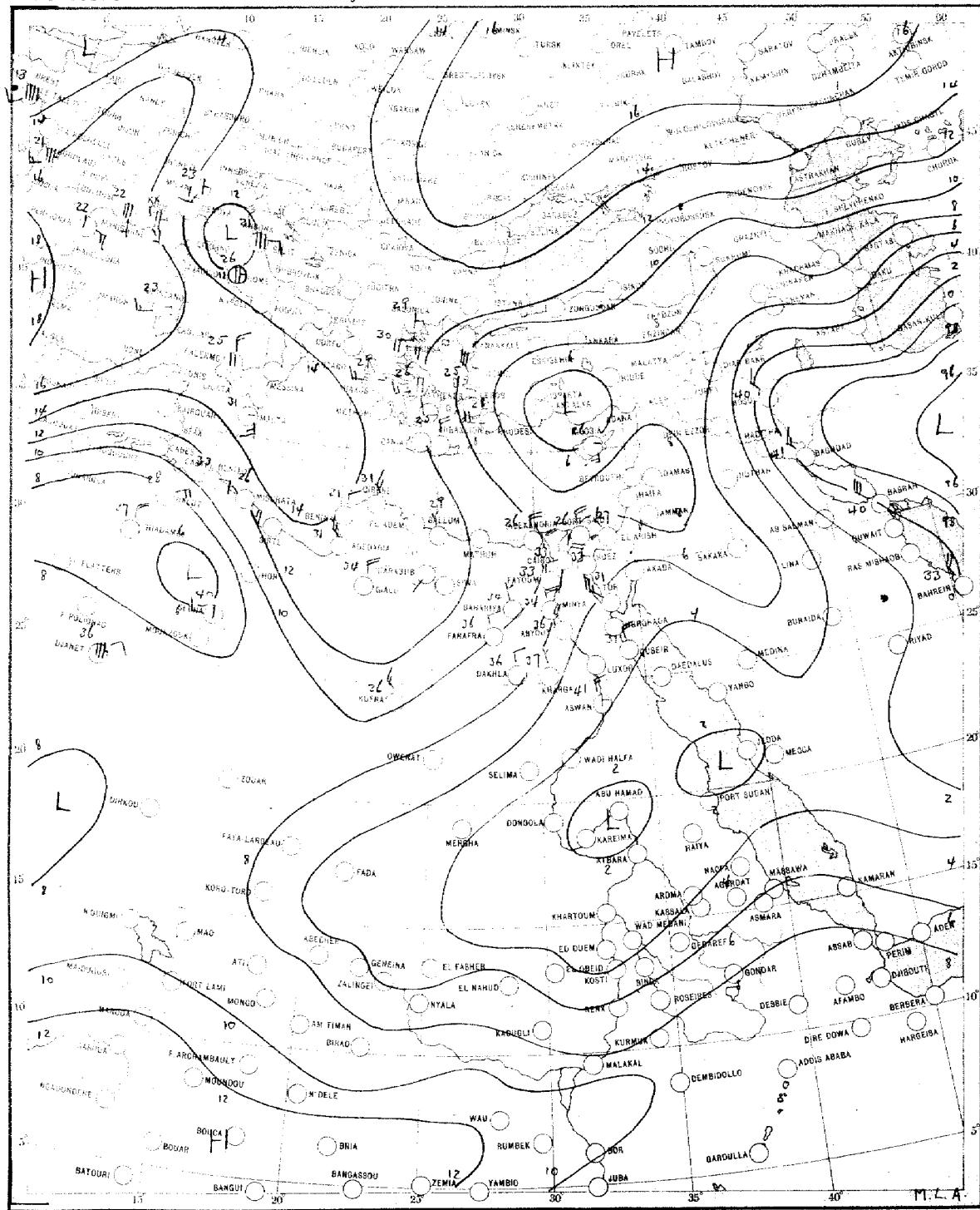
WIND. Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Wind is indicated by a circle outside the station.

- (1) Calm. (2) Wind speed 5 knots. (3) Wind speed 10 knots. (4) Wind speed 25 knots.
- (5) Wind speed 50 knots. (6) Wind speed 85 knots. (7) Wind speed 125 knots.

TEMPERATURE. In whole degrees centigrade

CHART 1

DATE Friday 11/16/1954 TIME 1200 U.T.

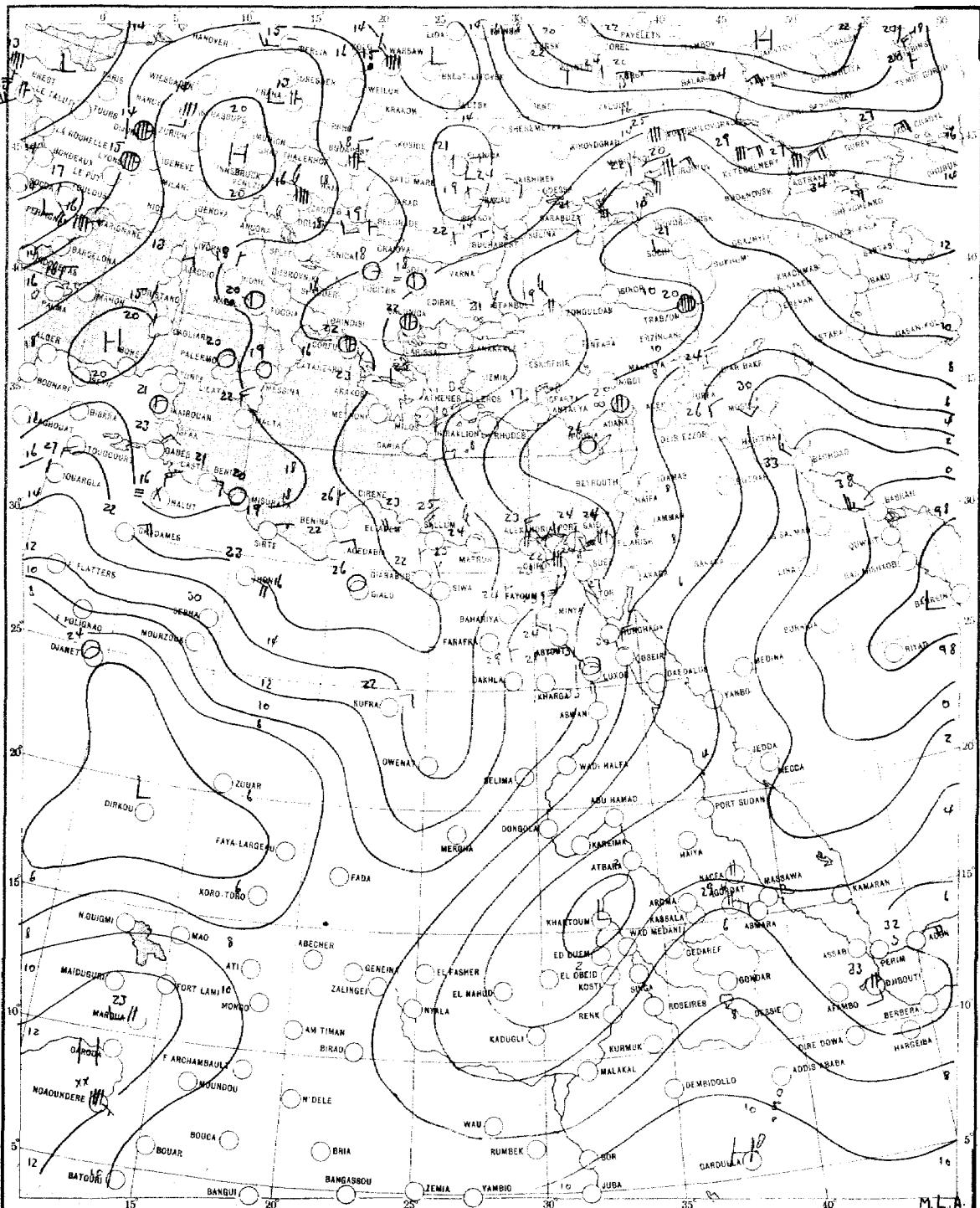


SCALE 1:20,000,000

M.L.A.

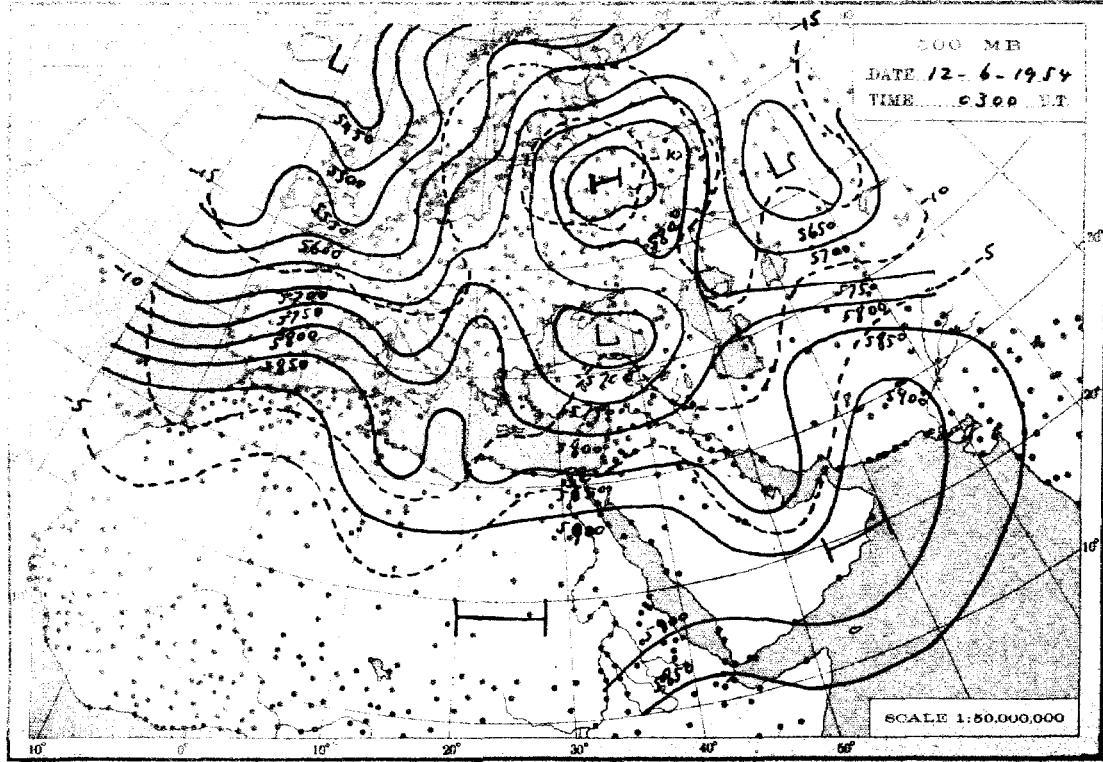
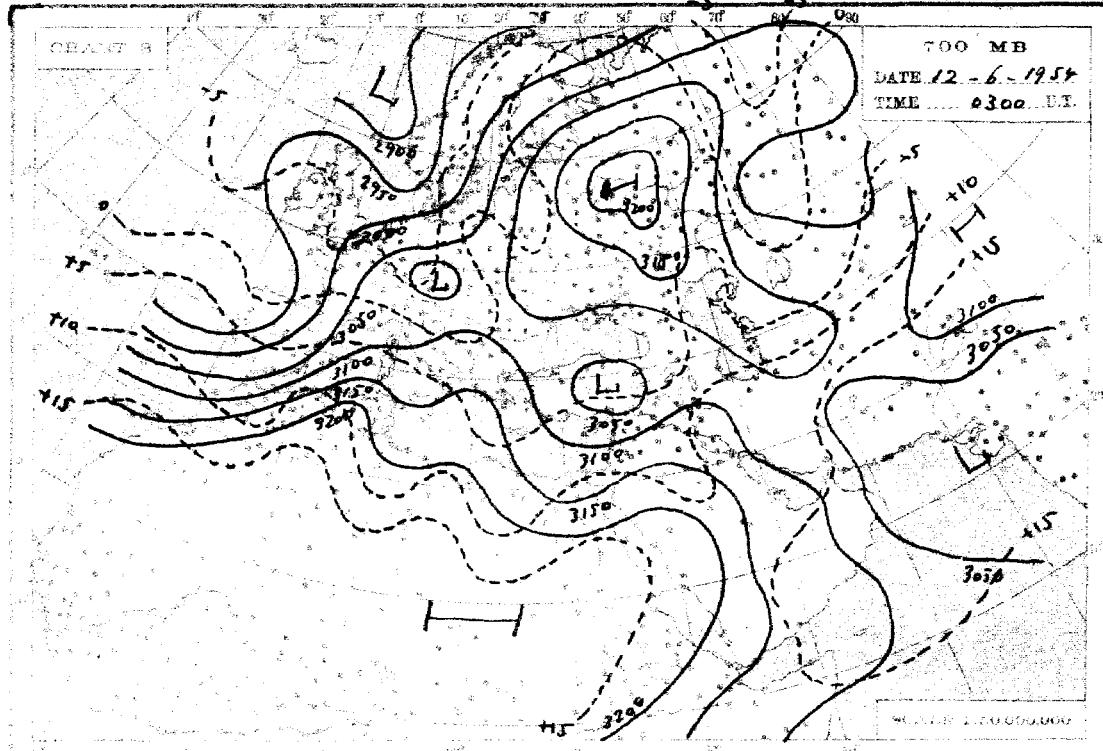
CHART 2

DATE Saturday 12/16/1961 TIME 0600 U.T.



SCALE 1:20,000,000

M.L.A.



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:60 000,000. Projection: Central conicomorph with two standard paralels for 40° N & 30° N.

BAROMETER PRESSURE: Isobars based on observations every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 16 knots and a short feather 8 knots. Calm is indicated by a circle outside the station.

TEMPERATURE: In whole degrees centigrade recorded inside the station circle.

CLOUD SYMBOLS: Total amount N - 100%

○ clear sky.

○ sky 1/2 covered

○ sky obscured.

Precipitation Symbols: Inserted to the left of surface circle

○ Precipitation - rain based on observation

- West

○ Precipitation - rain

○ Precipitation - rain

○ Precipitation - rain

- East

○ Precipitation - rain

○ Precipitation - rain

○ Precipitation - rain

- South

○ Precipitation - rain

○ Precipitation - rain

○ Precipitation - rain

- North

○ Precipitation - rain

○ Precipitation - rain

Note: These symbols give the nature of the phenomena but not the intensity or duration.

FRONTS: On surfaces of separation between different air masses.

	Fronts	Warm front	at the ground	Cold front	at the ground	Stationary front
Appearance of surface	○	○	○	○	○	○
of Fronts	○	○	○	○	○	○
	○	○	○	○	○	○

#### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50 000,000. Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Contourless lines).

Isotherms are drawn at 5°C (Isogonic lines).

WIND: Arrows fly with the wind. A full length feather indicates 16 knots and a short feather 8 knots. Calm is indicated by a circle outside the station.



Calm.



Wind speed 5 knots.



Wind speed 10 knots.



Wind speed 16 knots.



Wind speed 20 knots.



Wind speed 25 knots.



Wind speed 30 knots.

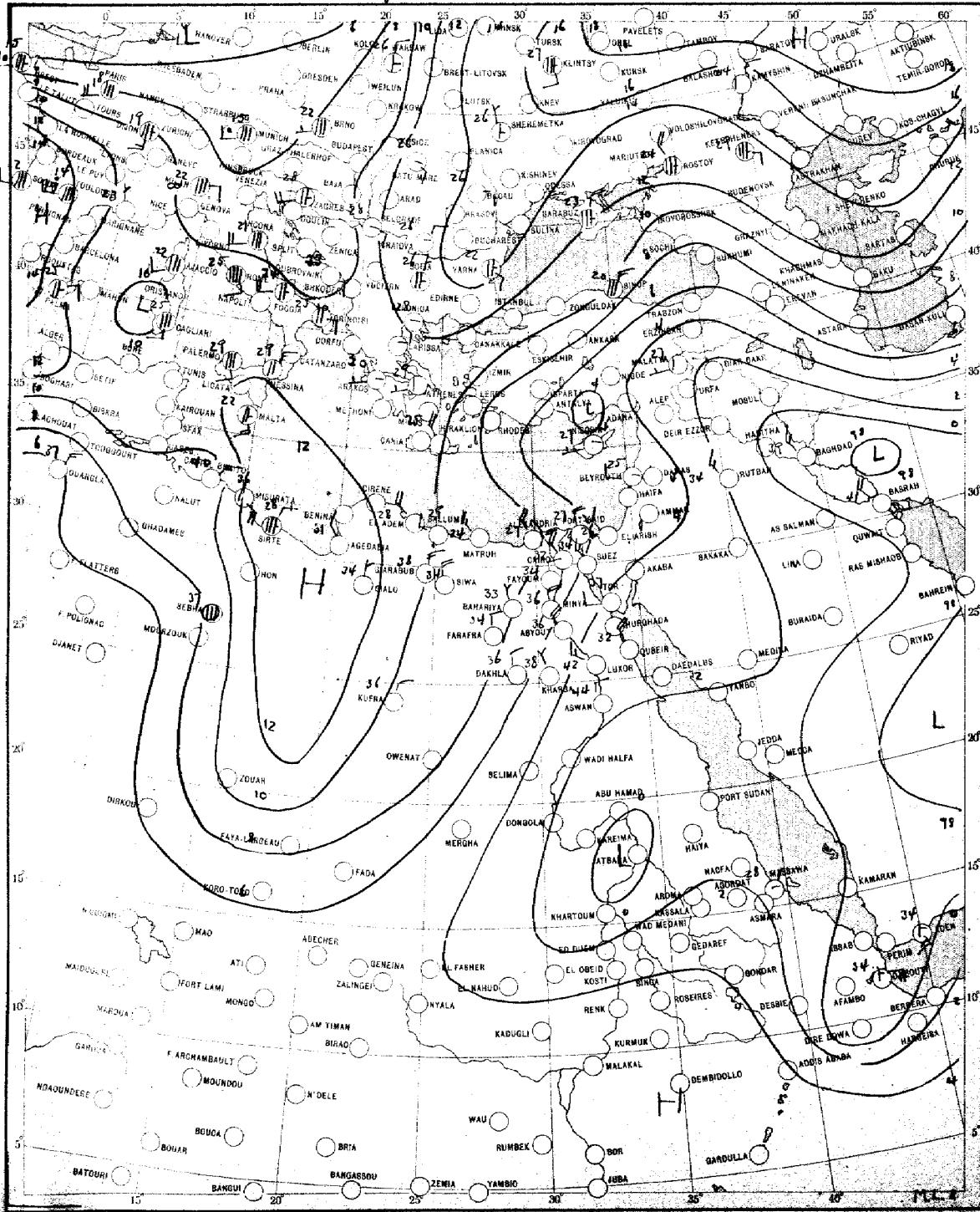


Wind speed 35 knots.

TEMPERATURE: In whole degrees centigrade

CHART 1

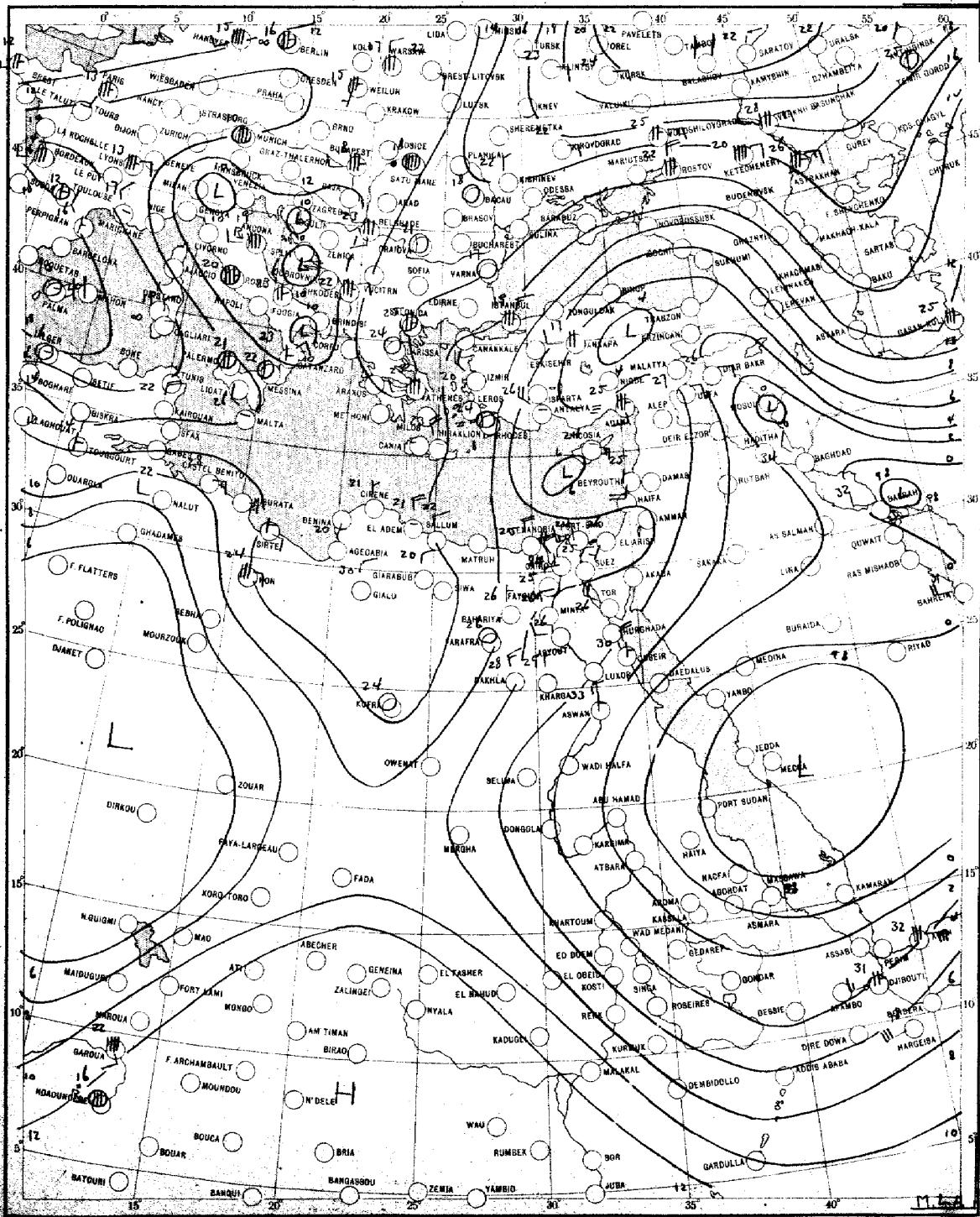
DATE Thursday 10/16/1954 TIME 1200 U.T.



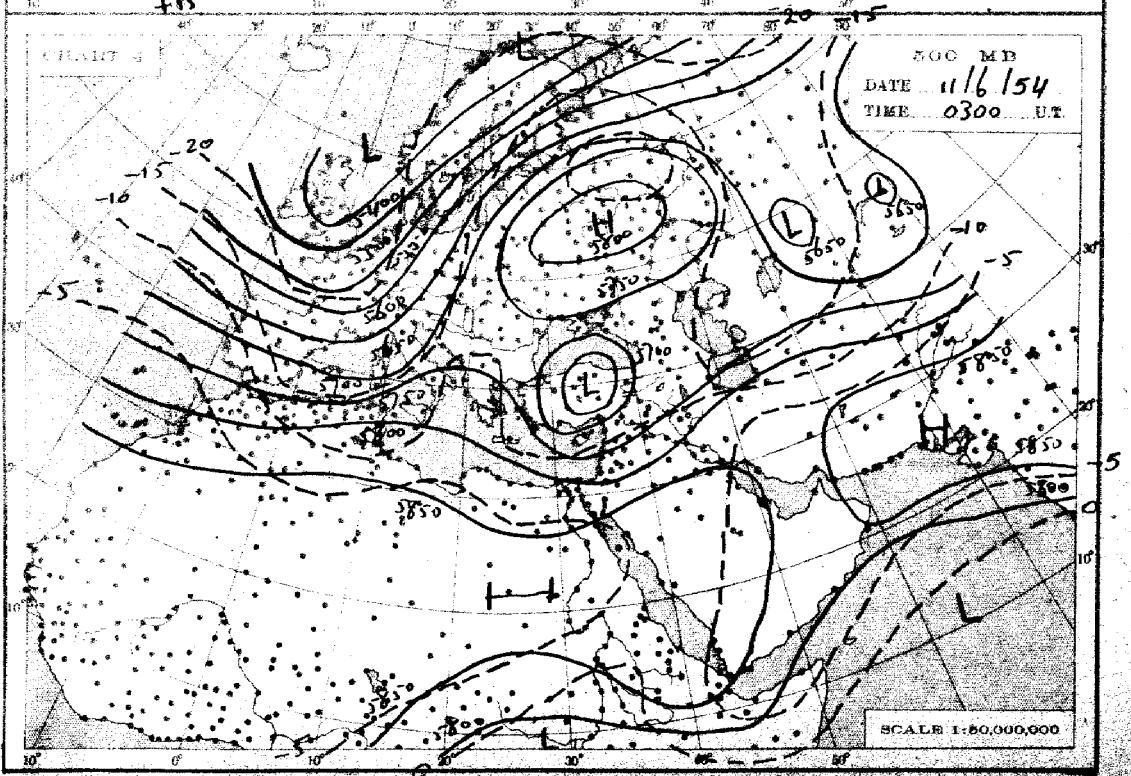
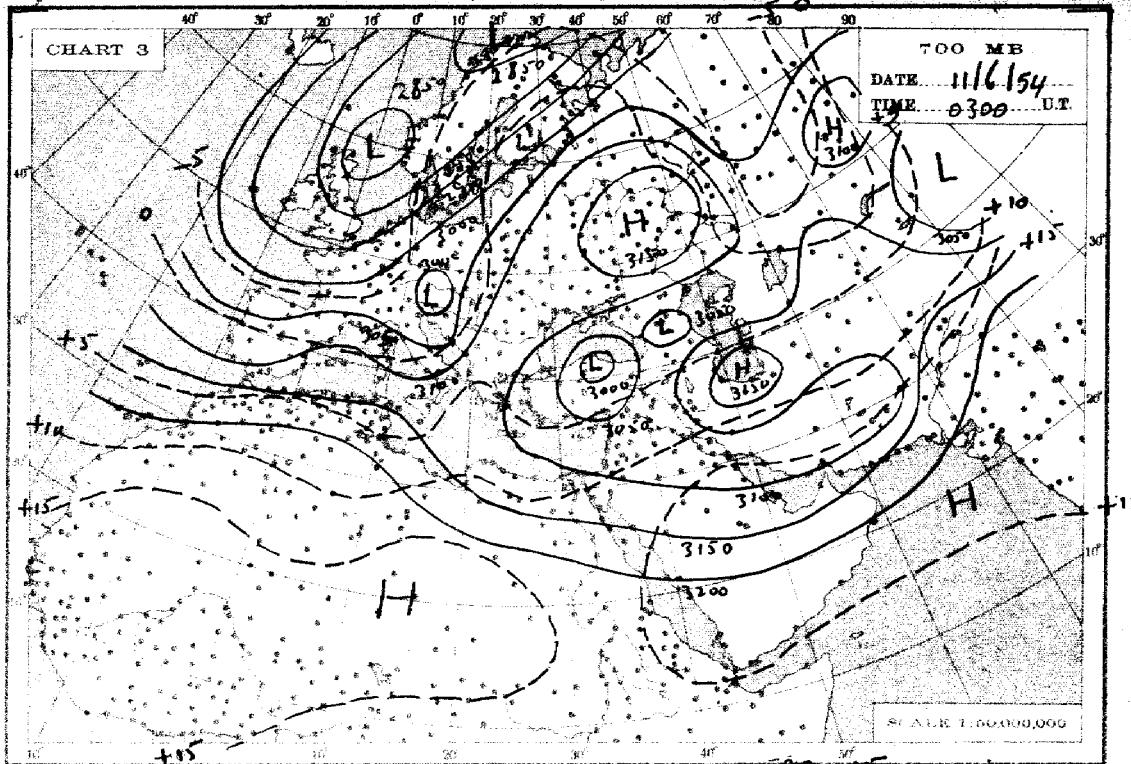
SCALE 1:30,000,000

CHART 2

DATE Friday 11/16/41 TIME 0600 U.T.



SCALE 1:20,000,000



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:20,000,000. Projection Conical orthomorphic with two standard parallels 30° & 60° N.

BAROMETRIC PRESSURE: M.S.L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station. (◎)

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N. octas)

(○) clear sky.

(⊕) sky  $\frac{1}{8}$  covered. (○) sky  $\frac{2}{8}$  covered. (⊕) sky  $\frac{3}{8}$  covered.

(⊖) sky  $\frac{4}{8}$  covered. (⊕) sky  $\frac{5}{8}$  covered. (⊖) sky  $\frac{6}{8}$  covered.

(⊖) sky  $\frac{7}{8}$  covered. (○) sky  $\frac{8}{8}$  covered. (⊖) sky obscured.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

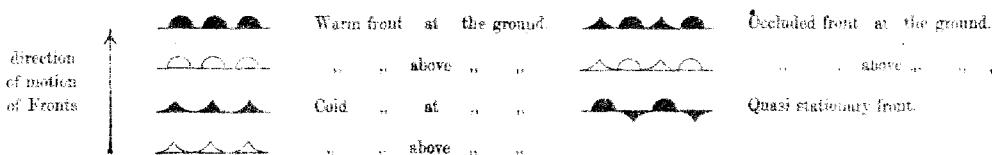
(↑) Rising sand. (↓) Sand or Duststorm. (=) Mist. (≡) Fog. (⊗) Haze.

(\*) Drizzle. (\*) Rain. (▽) Showers of Rain. (△) Showers of Hail. (□) Showers of Snow.

(L) Lightning. (R) Thunderstorm. (→) Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms ... .. .. 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

(○) Calm. (↙○) Wind speed 5 knots. (↖○) Wind speed 10 knots. (↗○) Wind speed 25 knots.

(↖○) Wind speed 50 knots. (↖○) Wind speed 85 knots. (↗○) Wind speed 125 knots.

TEMPERATURE: In whole degrees centigrade

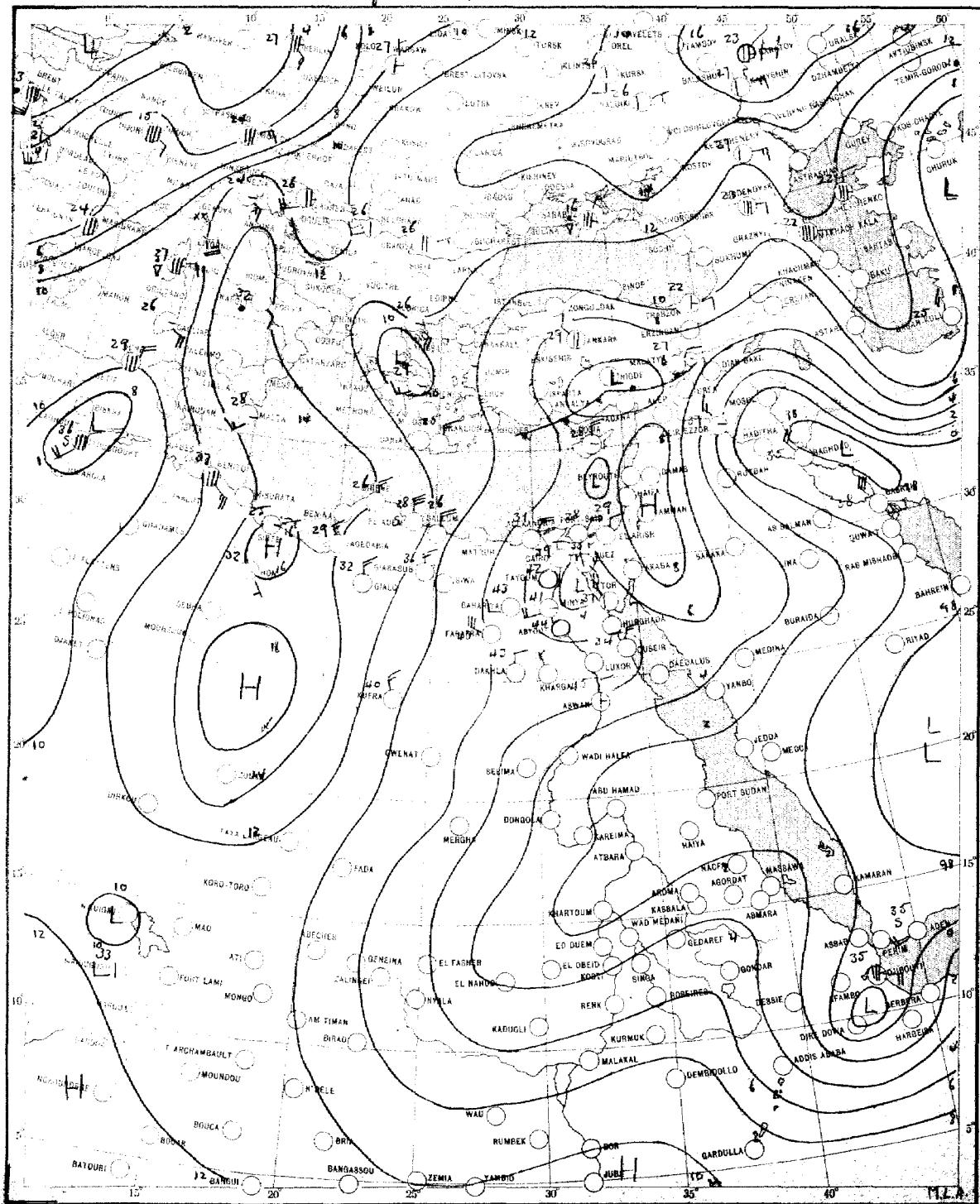
CHART 1

DATE Wednesday 9/16/1954

TIME

1200

U.T.



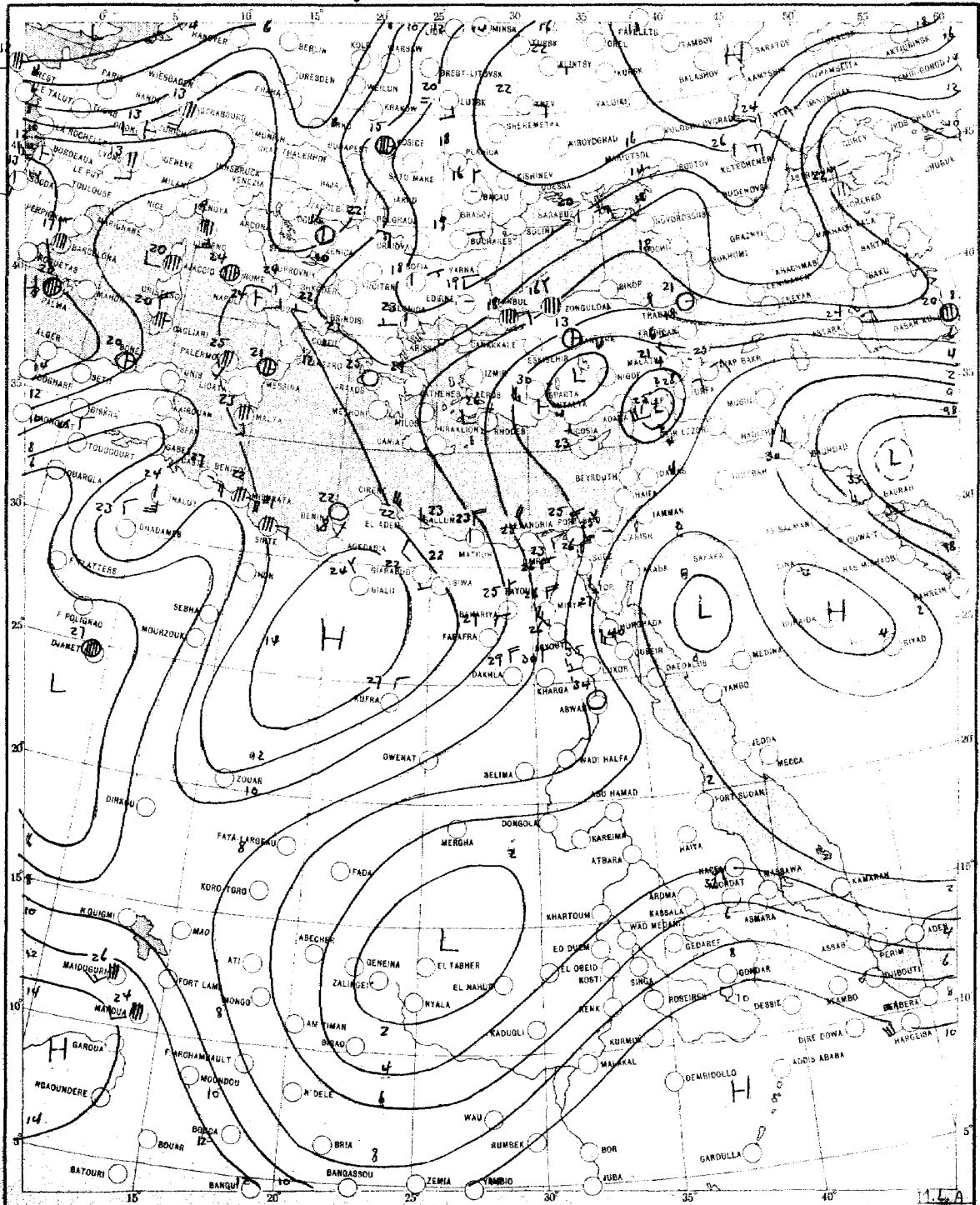
SCALE 1:20,000,000

## CHART 2

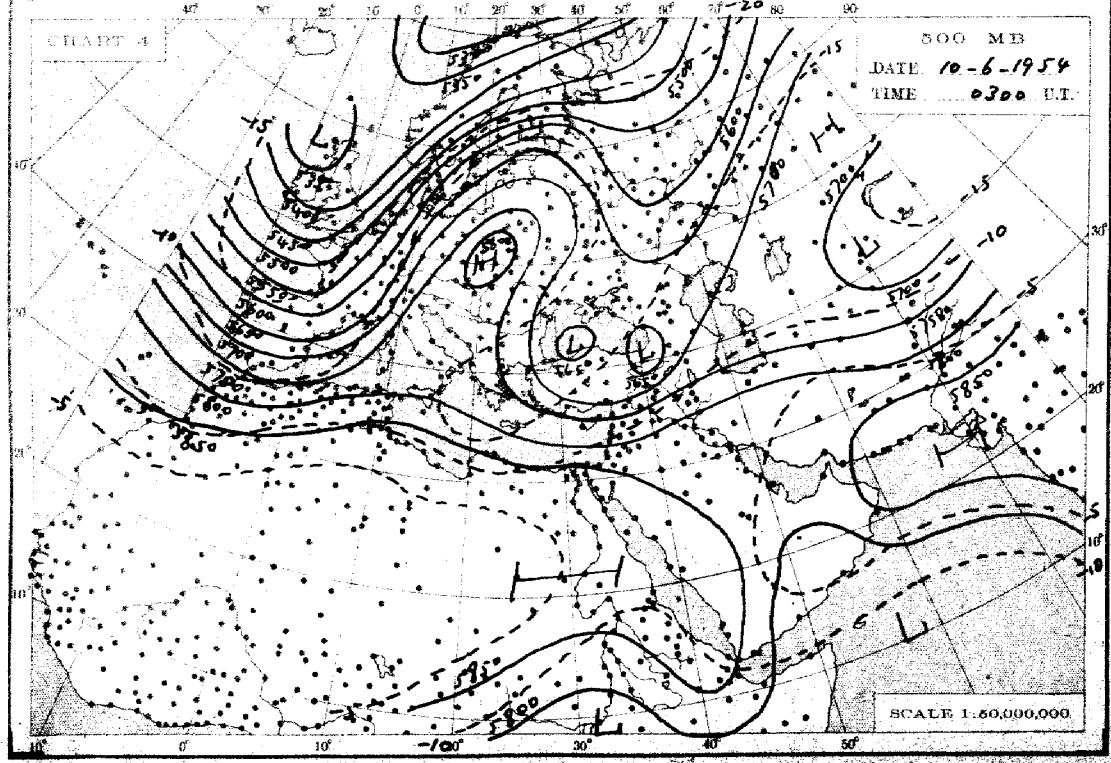
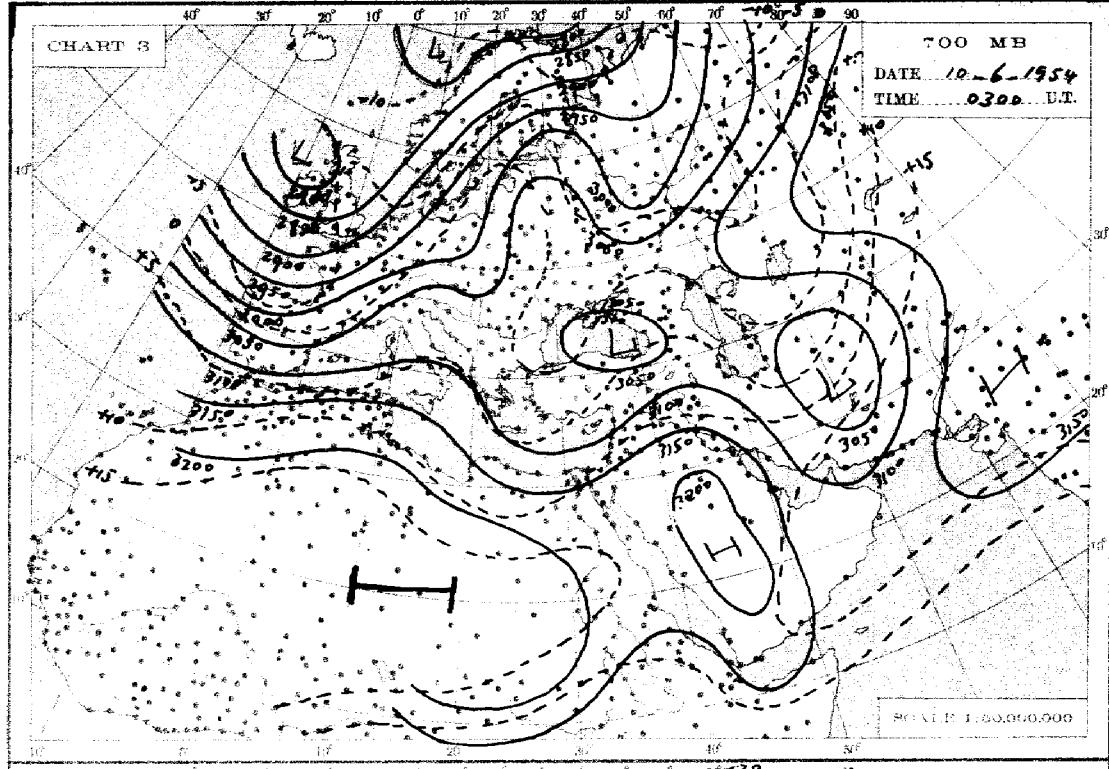
DATE Thursday 10/16/1954

TIME 0600

UT.



SCALE 1:20,000,000



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE 1:20,000,000; Projection Conical orthomorphic with two standard parallels 30° & 60° N.

BAROMETRIC PRESSURE: M. S. L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station.

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N. octagons)

clear sky.

sky 1/8 covered.

sky 2/8 covered.

sky 3/8 covered.

sky 4/8 covered.

sky 5/8 covered.

sky 6/8 covered.

sky 7/8 covered.

sky 8/8 covered.

sky obscured.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

Rising sand.

Sand or Duststorm.

Mist.

Fog.

Haze.

Drizzle.

Rain.

Showers of Rain.

Showers of Hail.

Showers of Snow.

Lightning.

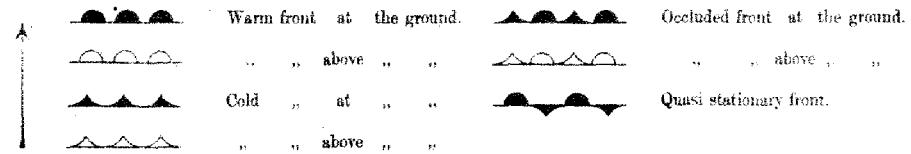
Thunderstorm.

Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.

direction  
of motion  
of Fronts



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms every 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

Calm.

Wind speed 5 knots.

Wind speed 10 knots.

Wind speed 20 knots.

Wind speed 25 knots.

Wind speed 50 knots.

Wind speed 85 knots.

Wind speed 125 knots.

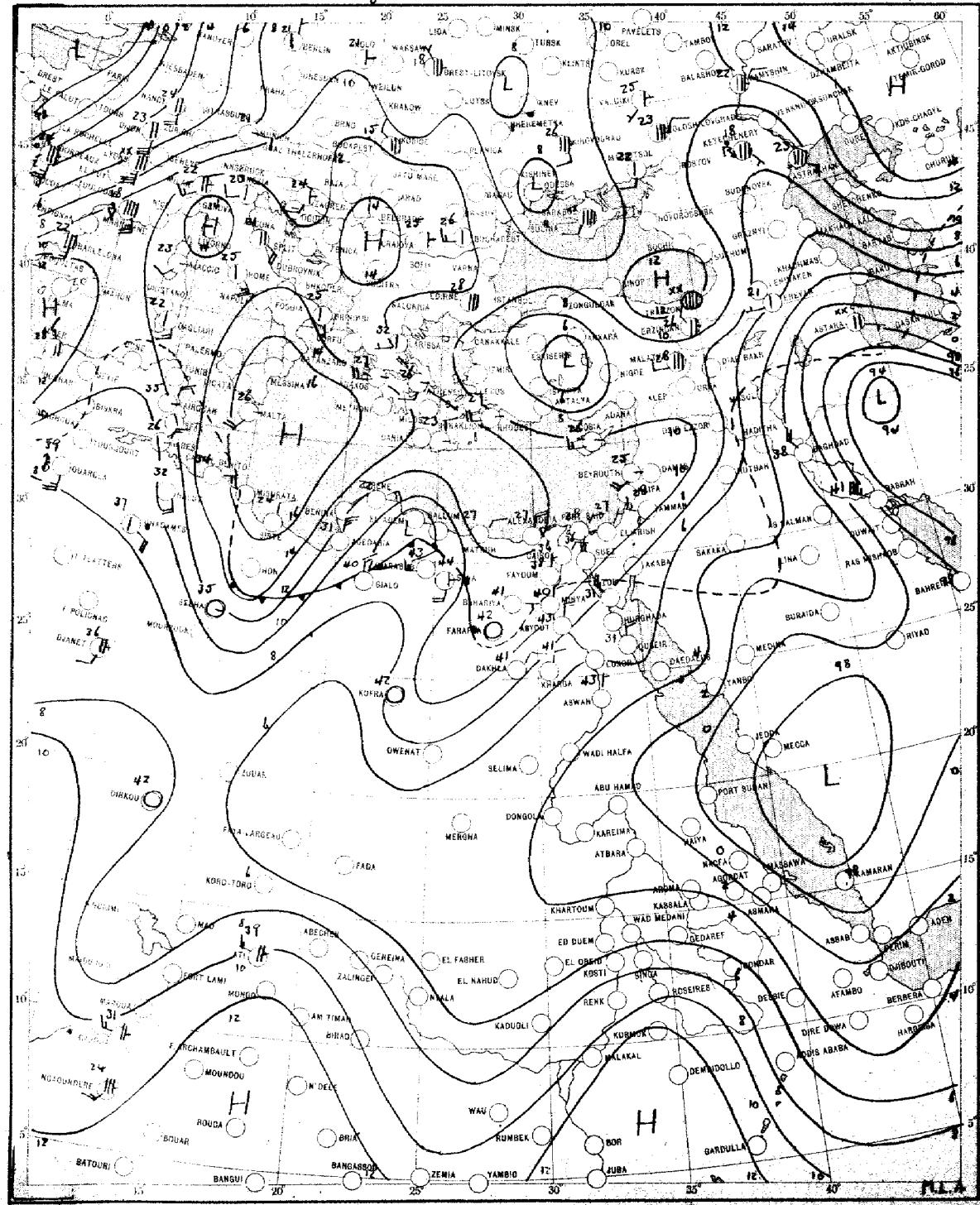
TEMPERATURE: In whole degrees centigrade

CHART 1

DATE Tuesday 8/16/95 4 TIME

1200

UT.



SCALE 1:20,000,000

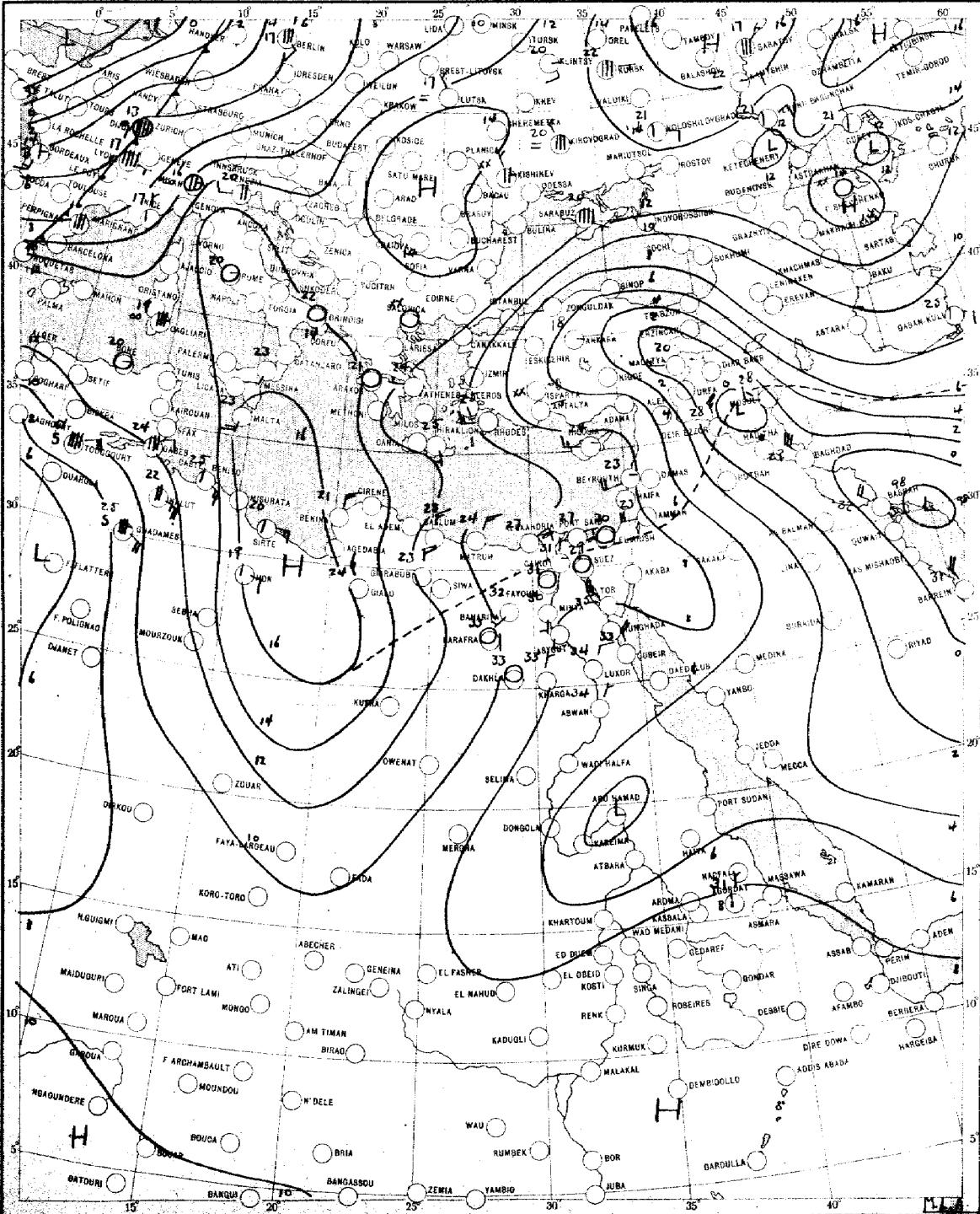
PLA

CHART 2

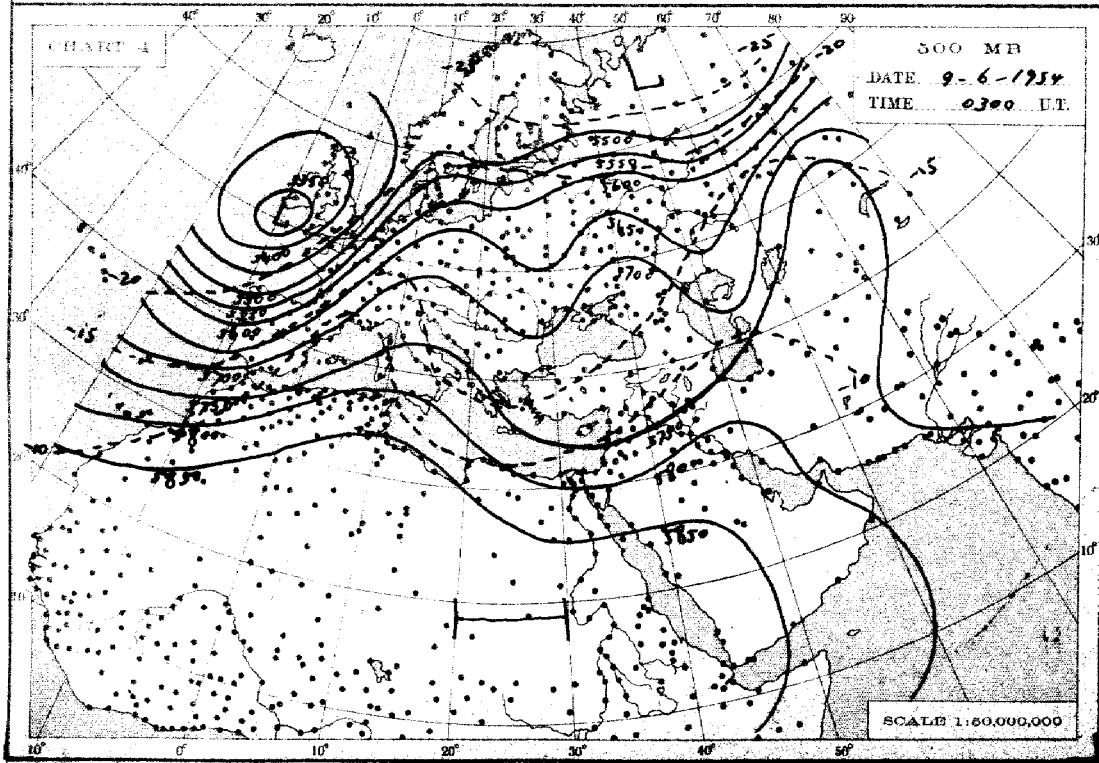
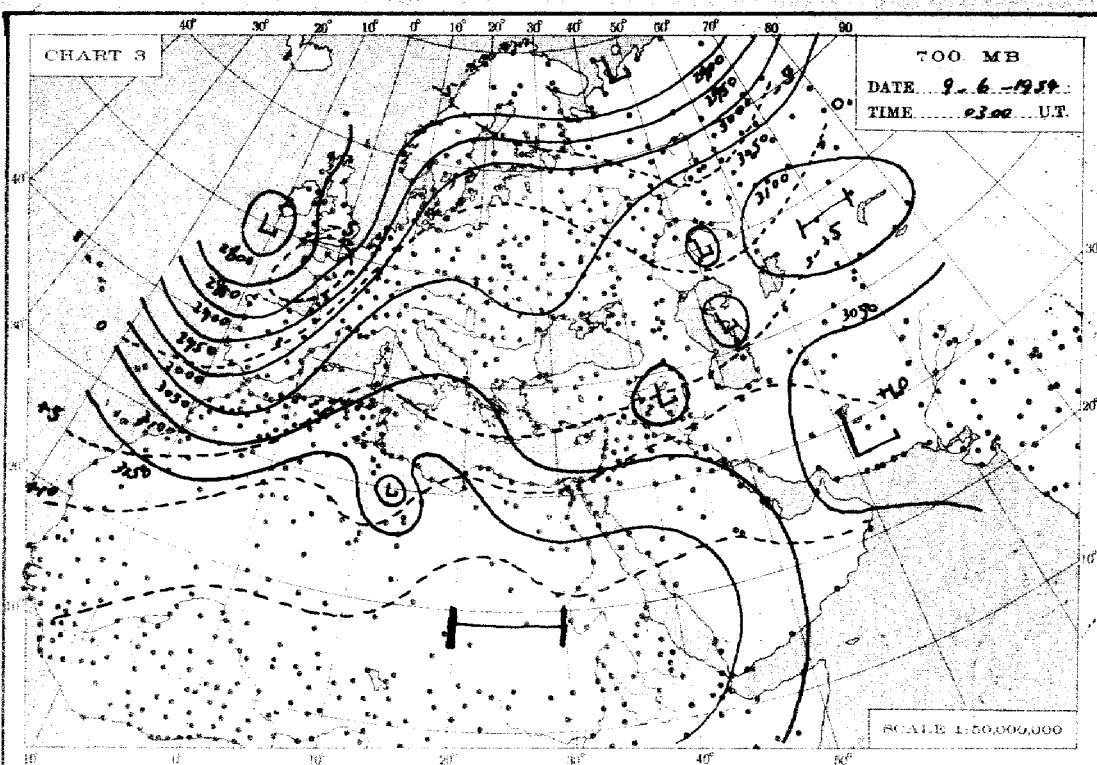
DATE Wednesday 9/16/1944 TIME

0600

U.T.



SCALE 1:20,000,000



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT  
SYNOPTIC CHARTS

## EXPLANATIONS:

### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:2,000,000. Projection: Central Mercatoric with two standard parallels 30° & 40° N.

HAR. READING: 1013.2 mb. Isobars are drawn every 10 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Color is indicated by a dot under the arrow. (See Fig. 3)

TEMPERATURE: In whole degrees centigrade. Apparatus inside the station area.

CLOUD SYMBOLS: (Same symbols are used for the sky outside the station area.)

○ Clouds scattered. □ Clouds overcast. △ Clouds scattered.

□ Clouds scattered. □ Clouds overcast. △ Clouds scattered.

○ Clouds scattered. □ Clouds overcast. △ Clouds scattered.

RAIN & SNOW SYMBOLS: (Same symbols are used outside the station area.)

○ Hail. □ Rain. △ Showers of Rain. ▲ Showers of Hail. ▲ Showers of Snow.

□ Rain. □ Hail. □ Showers of Rain. □ Showers of Hail. □ Showers of Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: The surface of separation between different air masses.

direction of front	Waves, front in the ground	Waves, front in the ground	Related front in the ground.
A	Waves, front in the ground	Waves, front in the ground	Waves, front in the ground
B	Waves, front in the ground	Waves, front in the ground	Waves, front in the ground
C	Waves, front in the ground	Waves, front in the ground	Waves, front in the ground

### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000. Projection (same as Charts 1 & 2).

Contours are drawn every 500 p.m. of Altitude. (Continuous lines)

Isotherms are drawn every 5°C. (Broken lines)

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Color is indicated by a circle outside the station.

○ Calm. □ Wind speed 5 knots. △ Wind speed 10 knots. ▲ Wind speed 15 knots.

—○ Wind speed 50 knots. —○ Wind speed 85 knots. —○ Wind speed 125 knots.

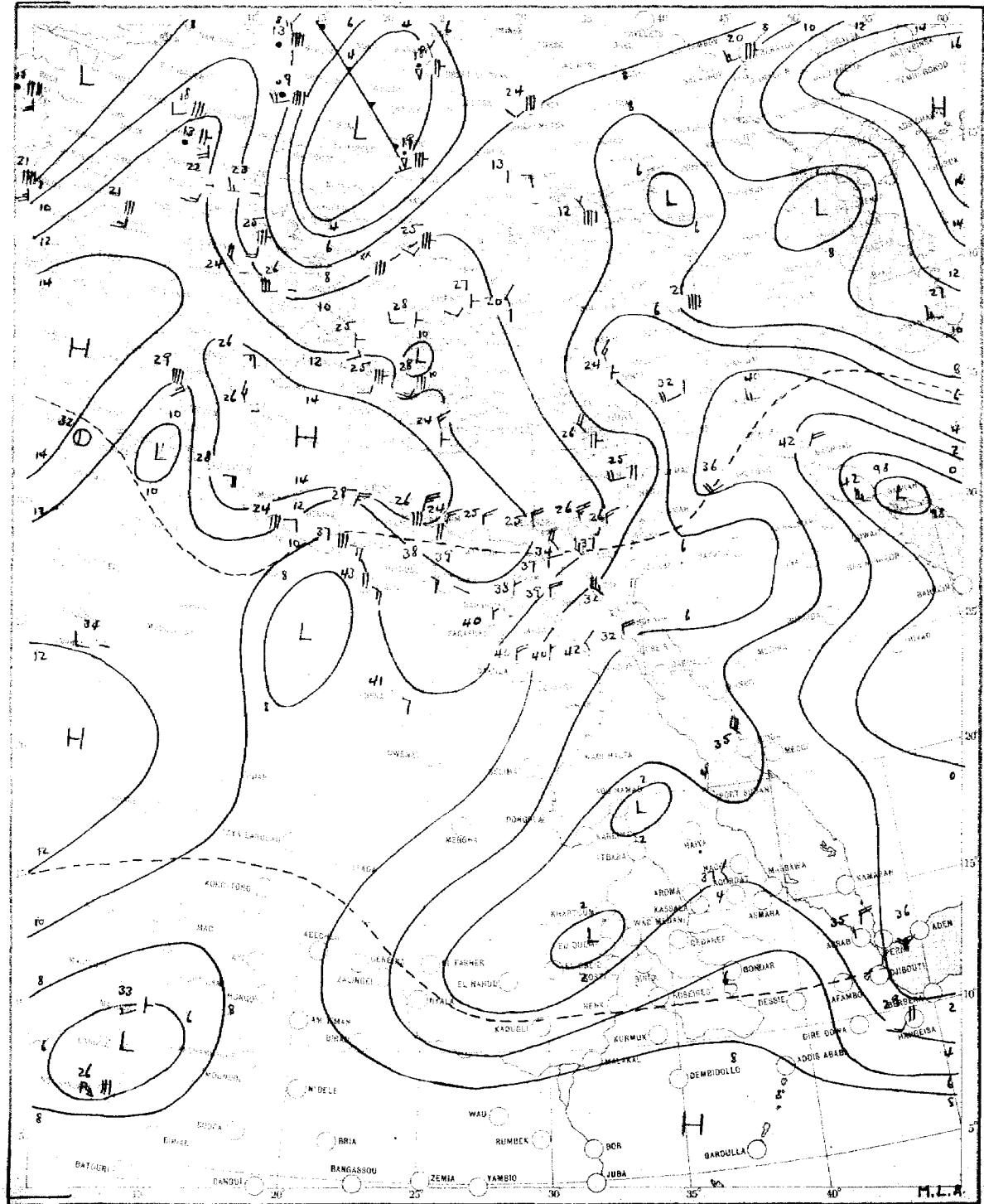
TEMPERATURE: In whole degrees centigrade.

CHART 1

DATE Monday 7/16/4 TIME

1200

UT.



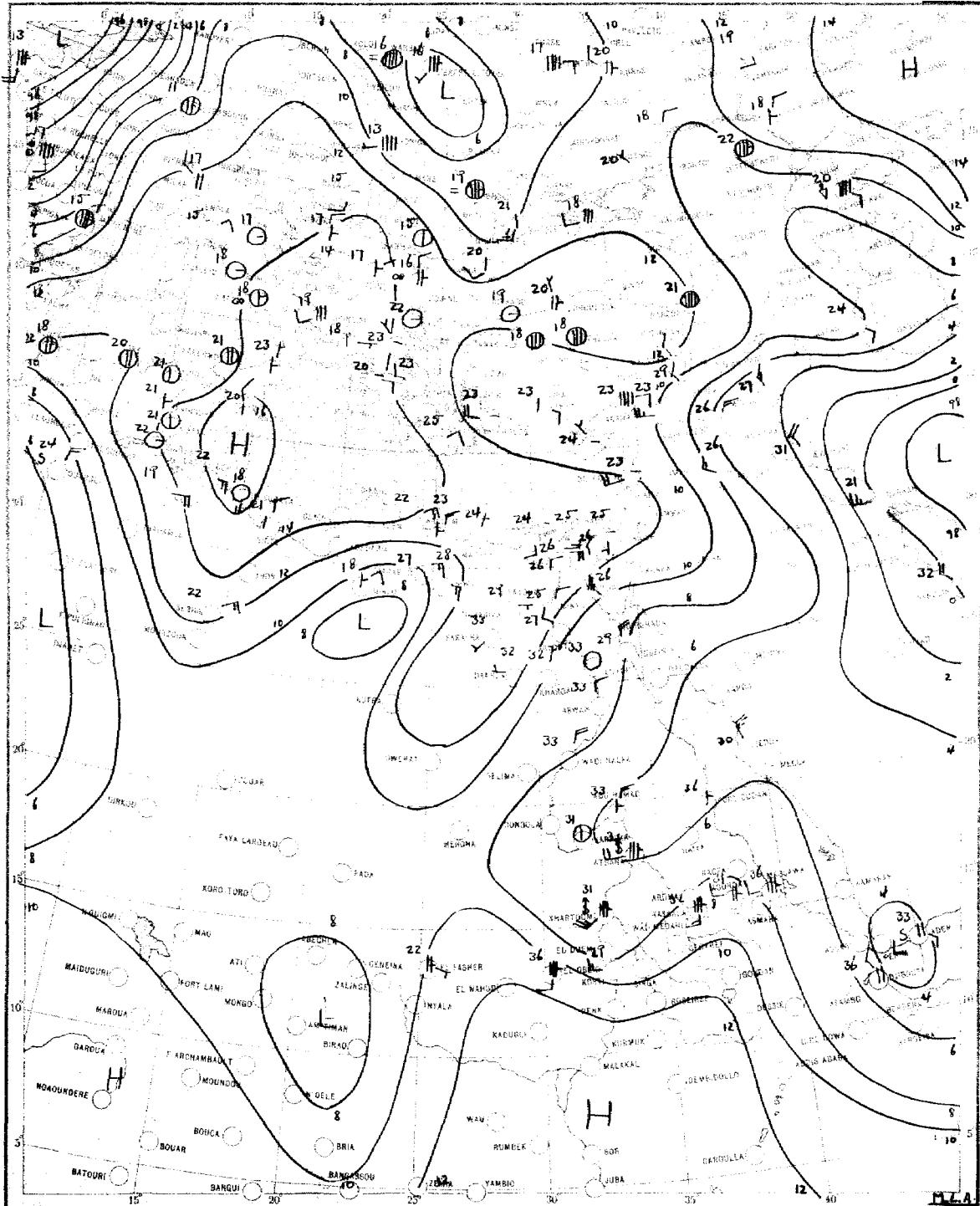
SCALE 1:20,000,000

M.L.A.

CHART 2

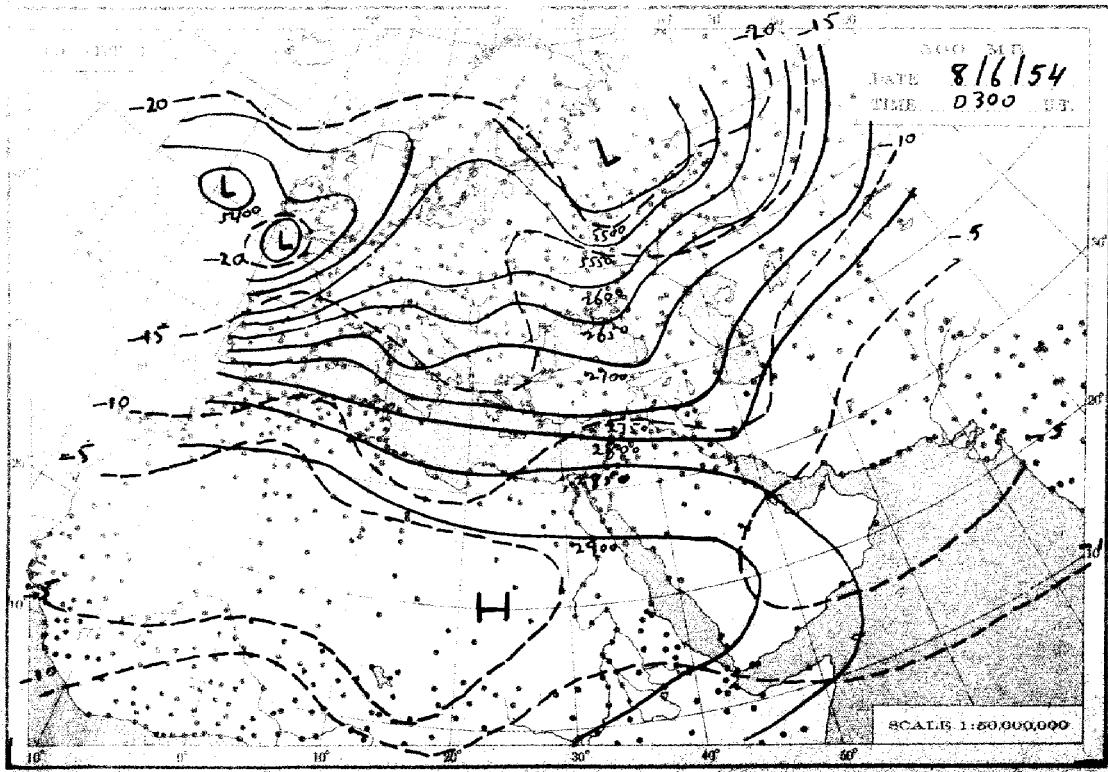
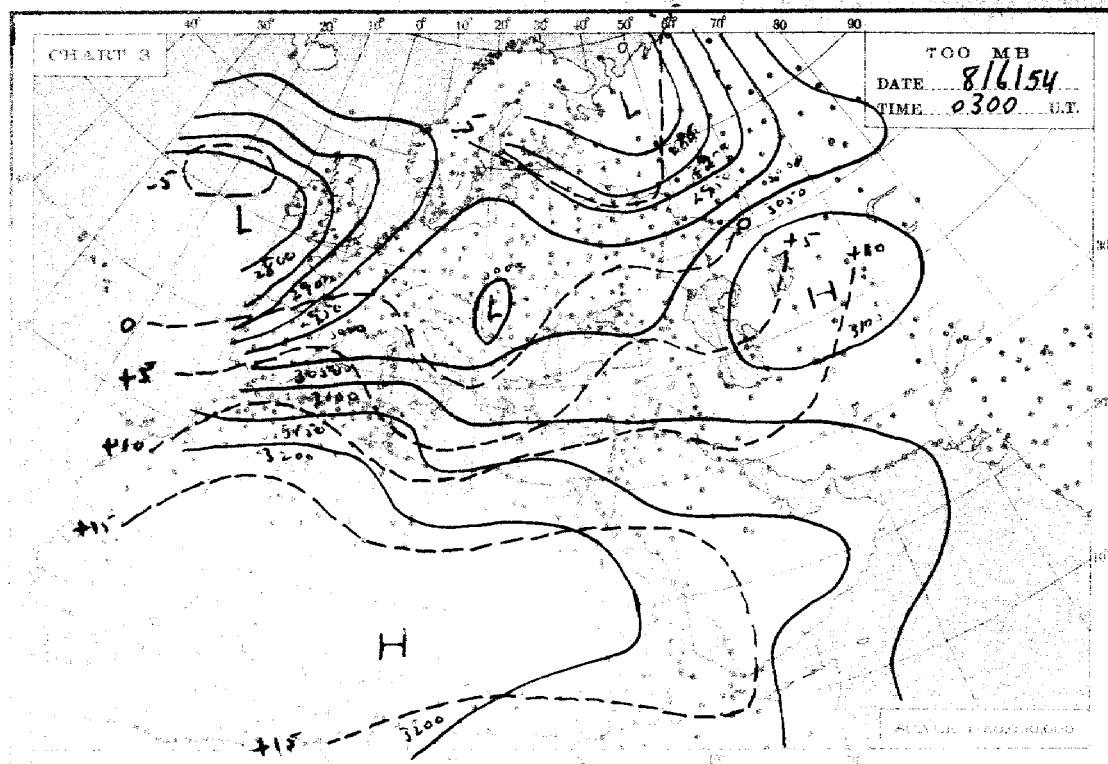
DATE Tuesday 8/6/61 180° TIME 0600

UT



SCALE 1:20,000,000

MLA



# THE DAILY WEATHER REPORT

SUMMER HANDBOOK OF PRACTICAL METEOROLOGY

CHARTS AND FORMS

## EXPLANATION:

### CHARTS FOR COMPUTING TEMPERATURE.

These charts are intended for use in computing the temperature at different heights above sea level.

### CHARTS FOR COMPUTING WIND VELOCITY.

These charts are intended for use in computing the wind velocity at different heights above sea level, given the wind velocity at any height.

### CHARTS FOR COMPUTING RADIATION.

These charts are intended for use in computing radiation.

Wind velocity is given in miles per hour.

Temperature is given in degrees centigrade.

Relative humidity is given in percent.

### CHARTS FOR COMPUTING PRECIPITATION.

These charts are intended for use in computing precipitation, given the amount of precipitation at any height.

Wind velocity is given in miles per hour, and the temperature in degrees centigrade.

Relative humidity is given in percent, and the pressure in millibars.

### CHARTS FOR COMPUTING PRESSURE.

These charts are intended for use in computing pressure, given the pressure at any height.

Wind velocity is given in miles per hour, and the temperature in degrees centigrade.

Relative humidity is given in percent, and the pressure in millibars.

### CHARTS FOR COMPUTING DENSITY.

These charts are intended for use in computing density, given the density at any height.

Wind velocity is given in miles per hour, and the temperature in degrees centigrade.

Relative humidity is given in percent, and the pressure in millibars.

### CHARTS FOR COMPUTING DENSITY.

#### SCALE: 1000 FEET OR 300 METERS.

Temperature and pressure every 300 feet or 100 meters.

Barometric pressure in millibars (Mercury millibars).

WIND: Moves fly with the wind. A full length chapter relates to birds and a full section to man. Only is indicated up to 1000 feet outside the station.



Calm.



Wind speed 5 knots.



Wind speed 10 knots.



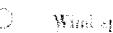
Wind speed 20 knots.



Wind speed 50 knots.



Wind speed 60 knots.



Wind speed 75 knots.

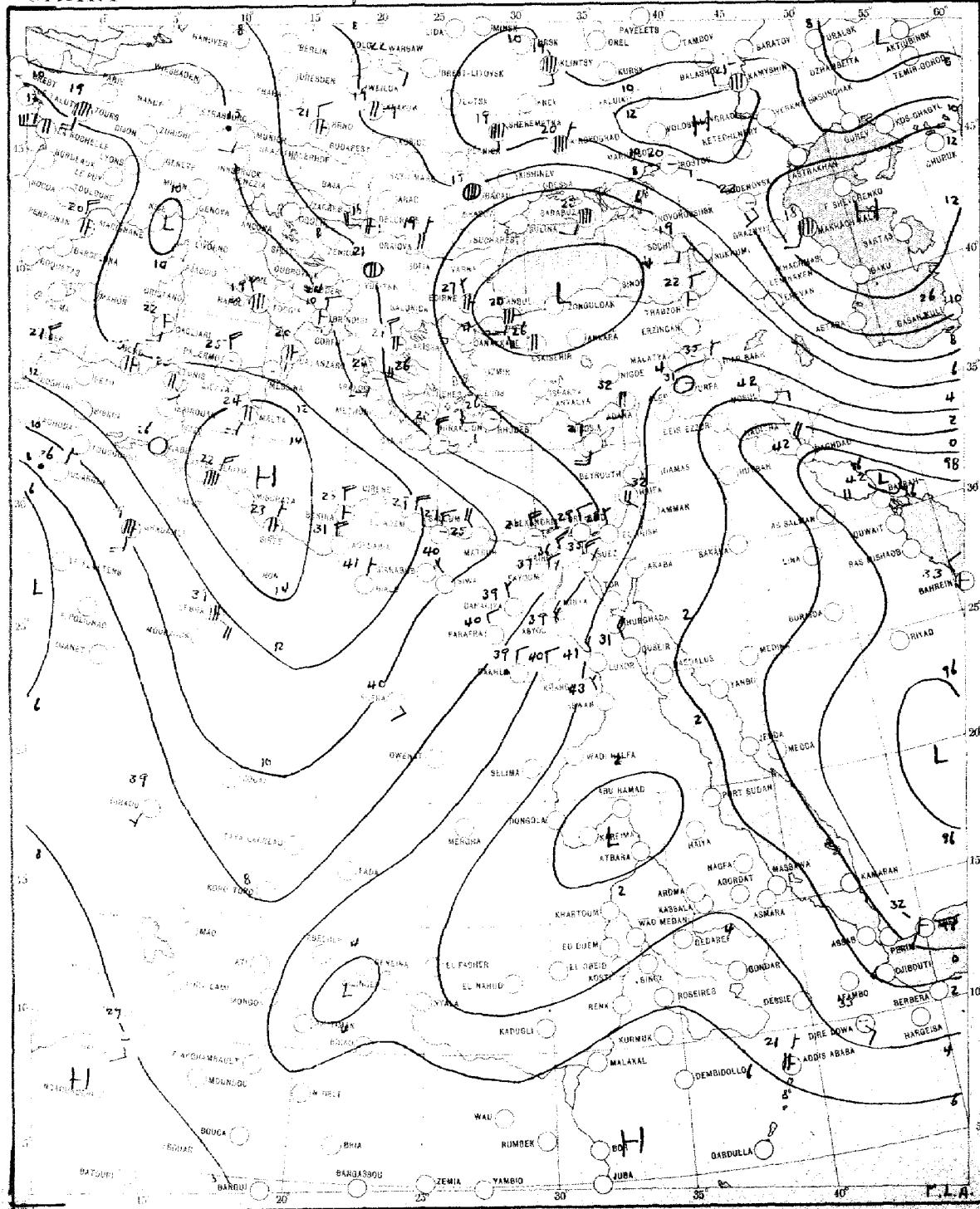


Wind speed 100 knots.

TEMPERATURE: In whole degrees centigrade.

CHART 1

DATE Sunday 3/11/1954 TIME 12 C.C. U.T.



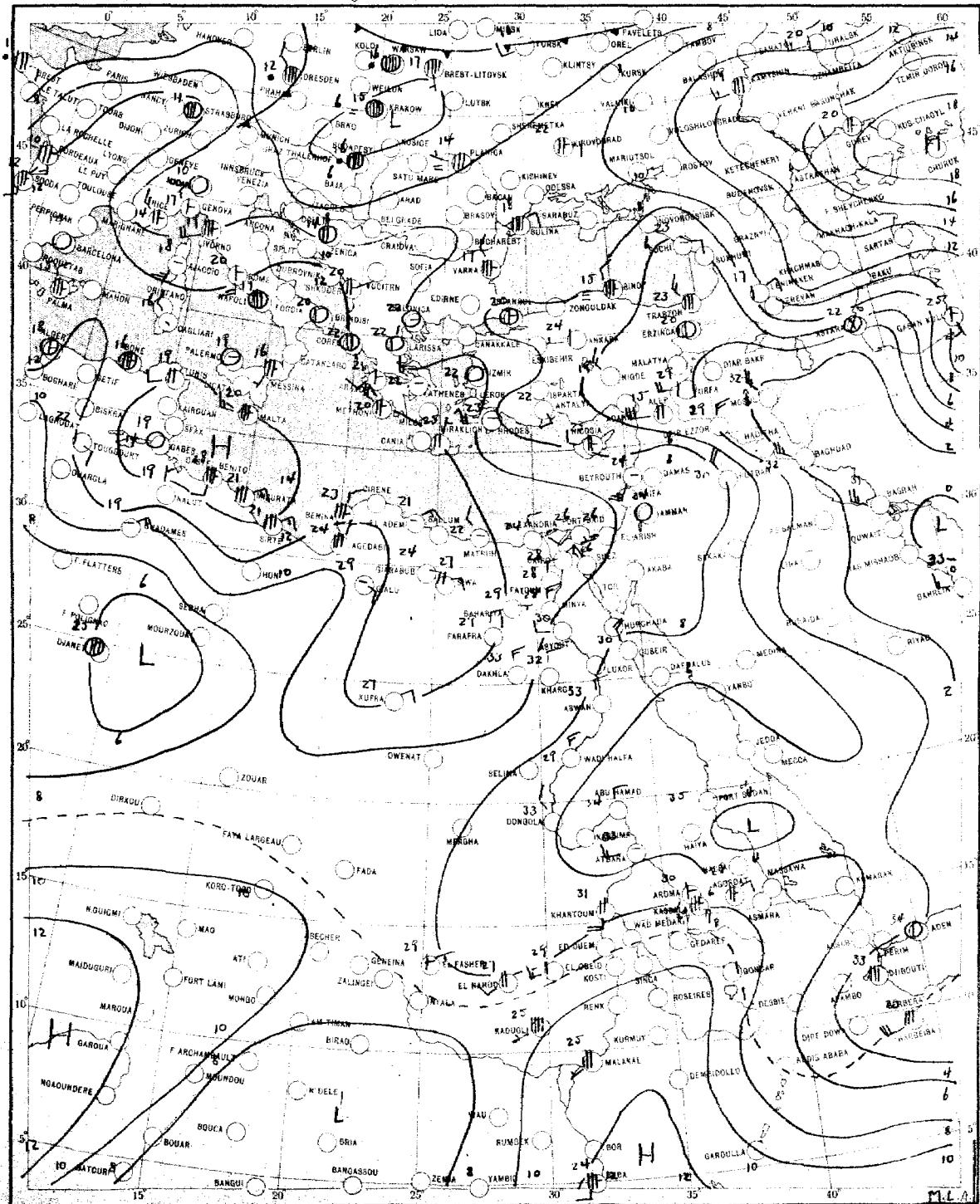
SCALE 1:20,000,000

## CHART 2

DATE Monday 7/16/1954

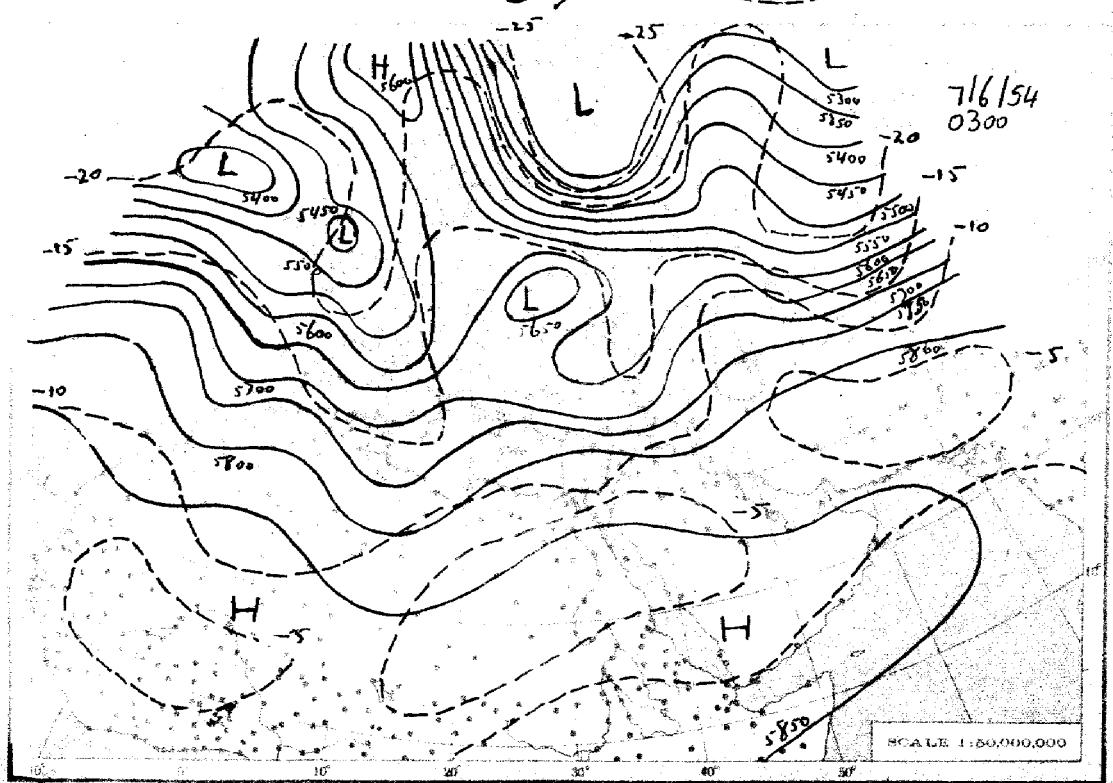
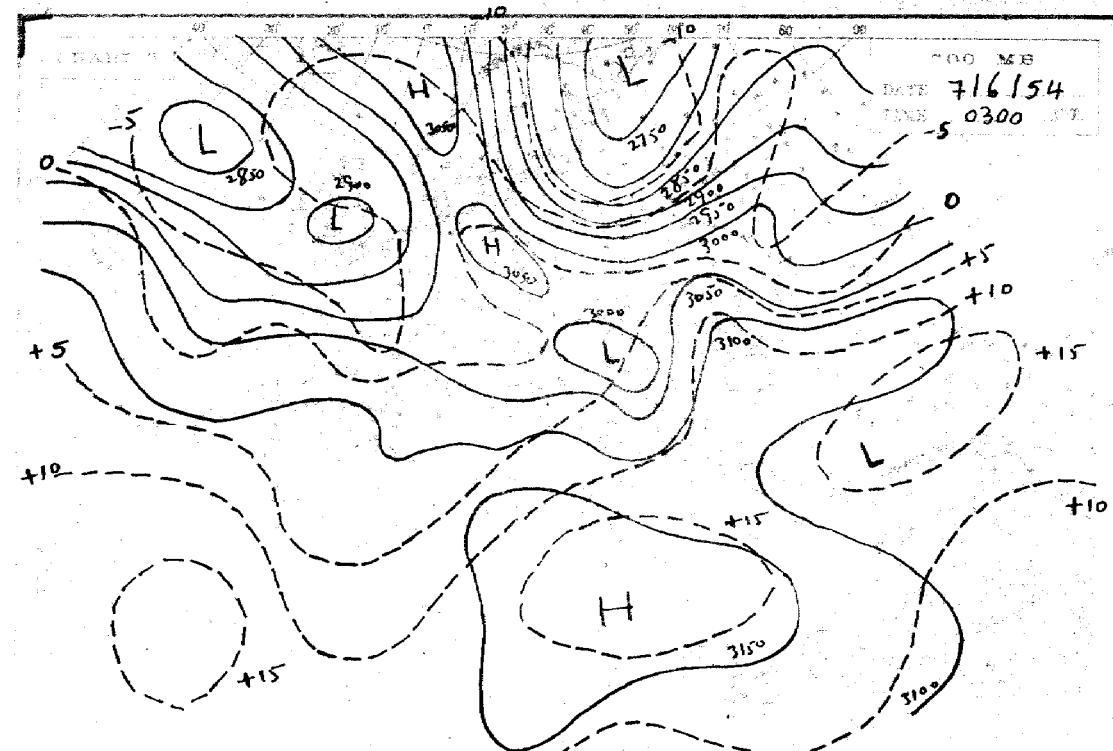
TIME 0600

U.T.



SCALE 1:20,000,000

M.L.A.



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:20,000,000; Projection Conical orthomorphic with two standard parallels 30° & 60° N.

BAROMETRIC PRESSURE: M. S. L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station. ◎

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N octas) ○ clear sky.

○ sky 1/8 covered. ○ sky 2/8 covered. ○ sky 3/8 covered.

○ sky 4/8 covered. ○ sky 5/8 covered. ○ sky 6/8 covered.

○ sky 7/8 covered. ○ sky 8/8 covered. ○ sky obscured.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

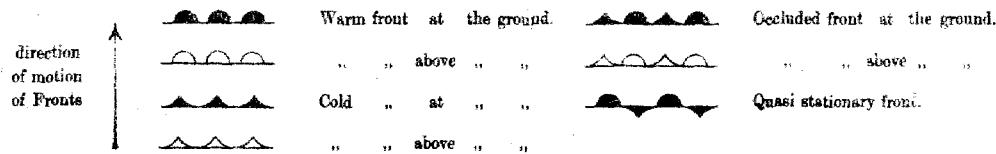
‡ Rising sand. ← Sand or Duststorm. = Mist. ≡ Fog. ∞ Haze.

, Drizzle. • Rain. ♀ Showers of Rain. ⚡ Showers of Hail. ♪ Showers of Snow.

⚡ Lightning. R Thunderstorm. + Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000. Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms .. .. .. 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

◎ Calm.

→ Wind speed 5 knots.

→ Wind speed 10 knots.

→ Wind speed 25 knots.

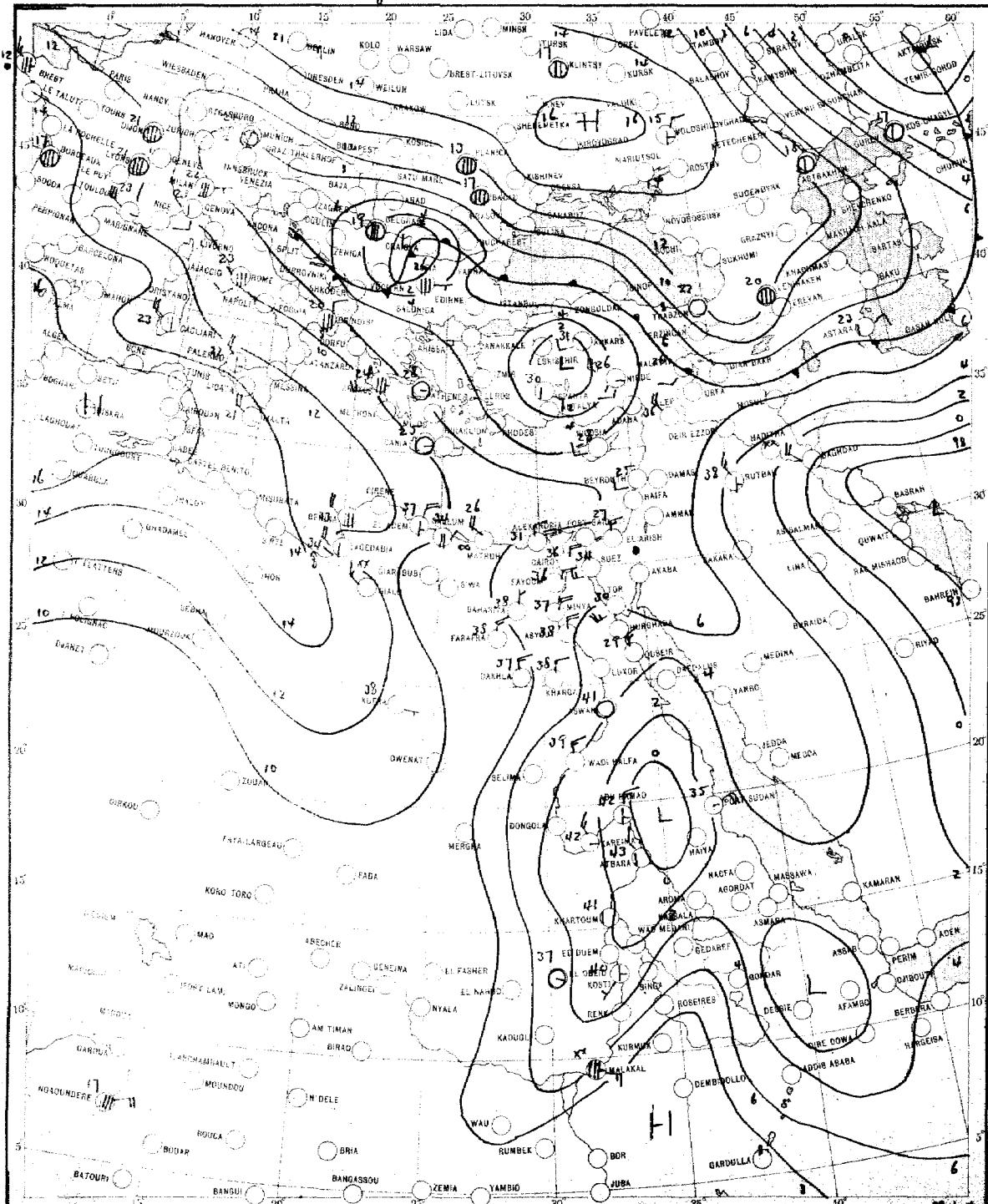
→ Wind speed 50 knots. → Wind speed 85 knots. → Wind speed 125 knots.

TEMPERATURE: In whole degrees centigrade

CHART 1

DATE Saturday 5/16/1954 TIME 1200

U.T.



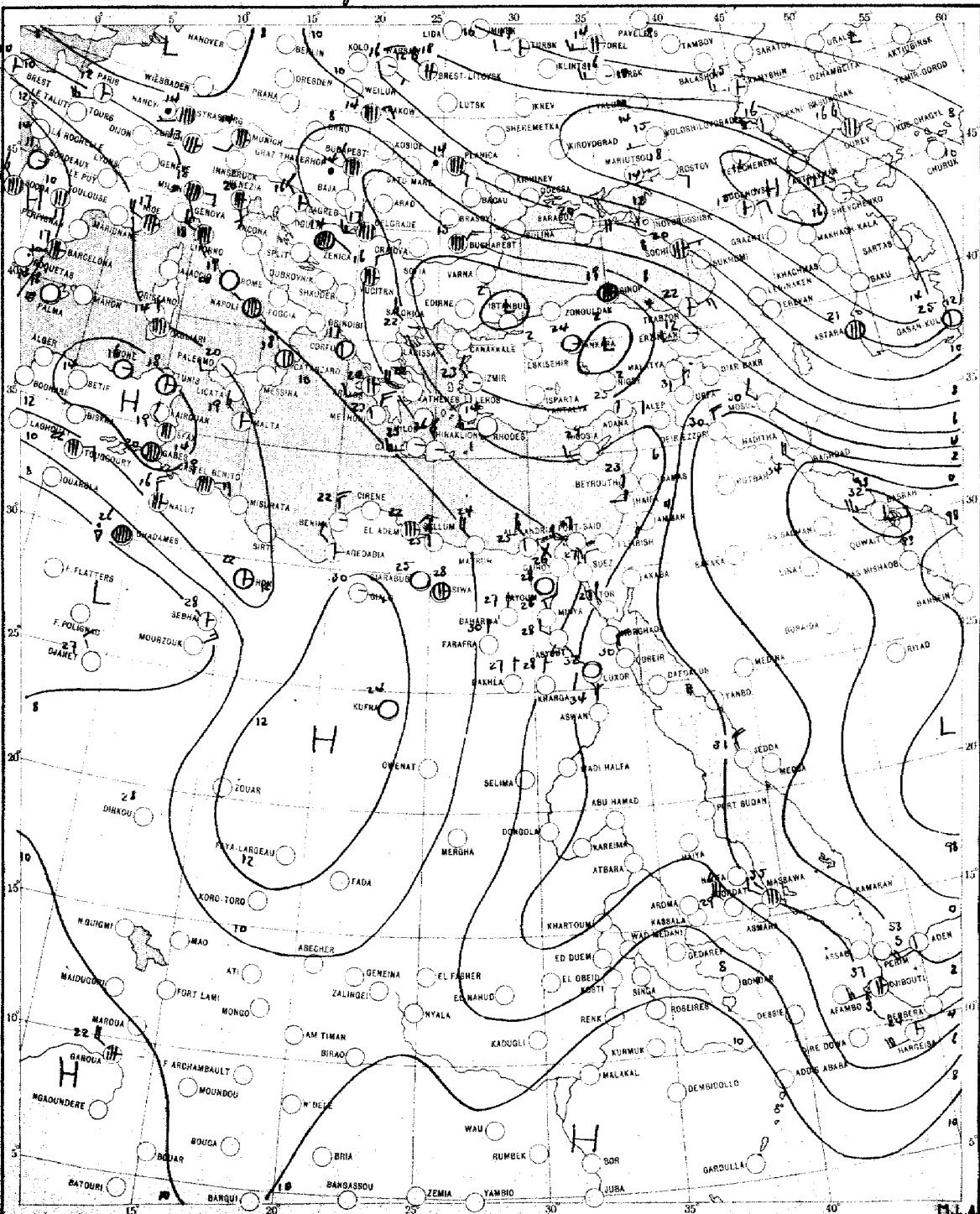
SCALE 1:20,000,000

## CHART 2

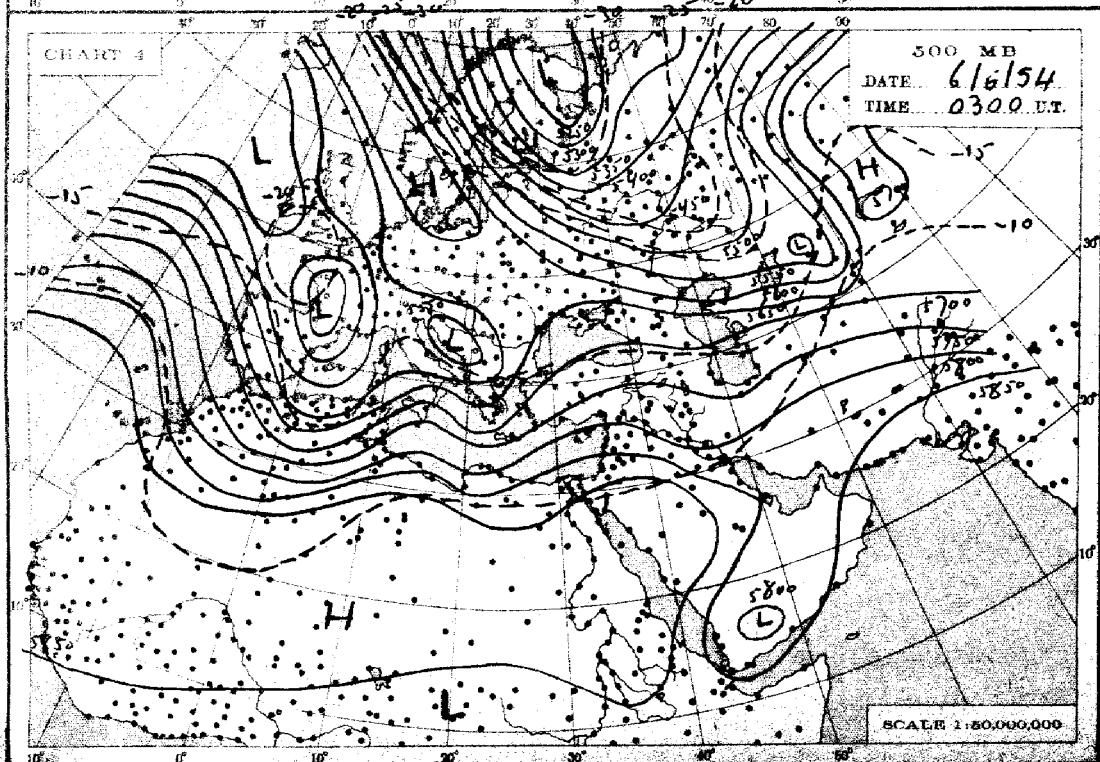
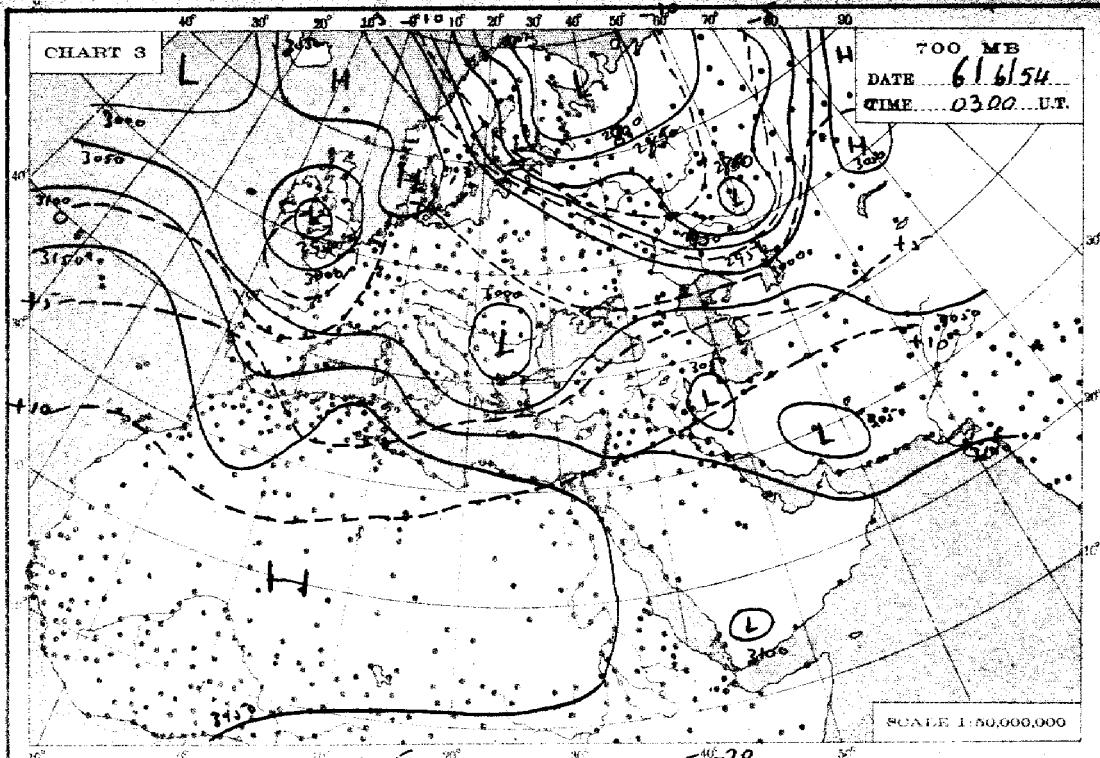
DATE Sunday 6/6/1 1964

TIME 0 600

U.T.



SCALE 1:20,000,000



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE 1:20,000,000; Projection Conical orthomorphic with two standard parallels 30° & 60° N

BAROMETRIC PRESSURE: M. S. L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station.

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N. octas)

clear sky.

sky 1/8 covered. sky 1/4 covered. sky 1/2 covered.

sky 3/4 covered. sky 7/8 covered. sky obscured.

sky 1/8 covered. sky 1/4 covered. sky 1/2 covered.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

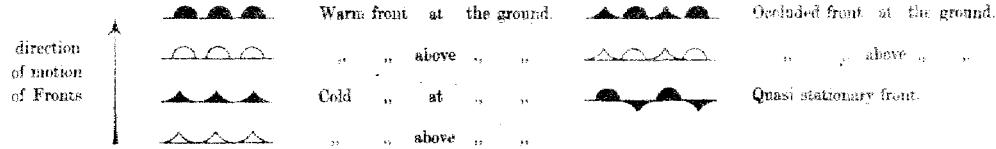
Rising sand. Sand or Duststorm. = Mist. = Fog. Haze.

- Drizzle. • Rain. ♦ Showers of Rain. ☂ Showers of Hail. ☃ Showers of Snow.

◆ Lightning. ☺ Thunderstorm. ✕ Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms .. .. .. 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

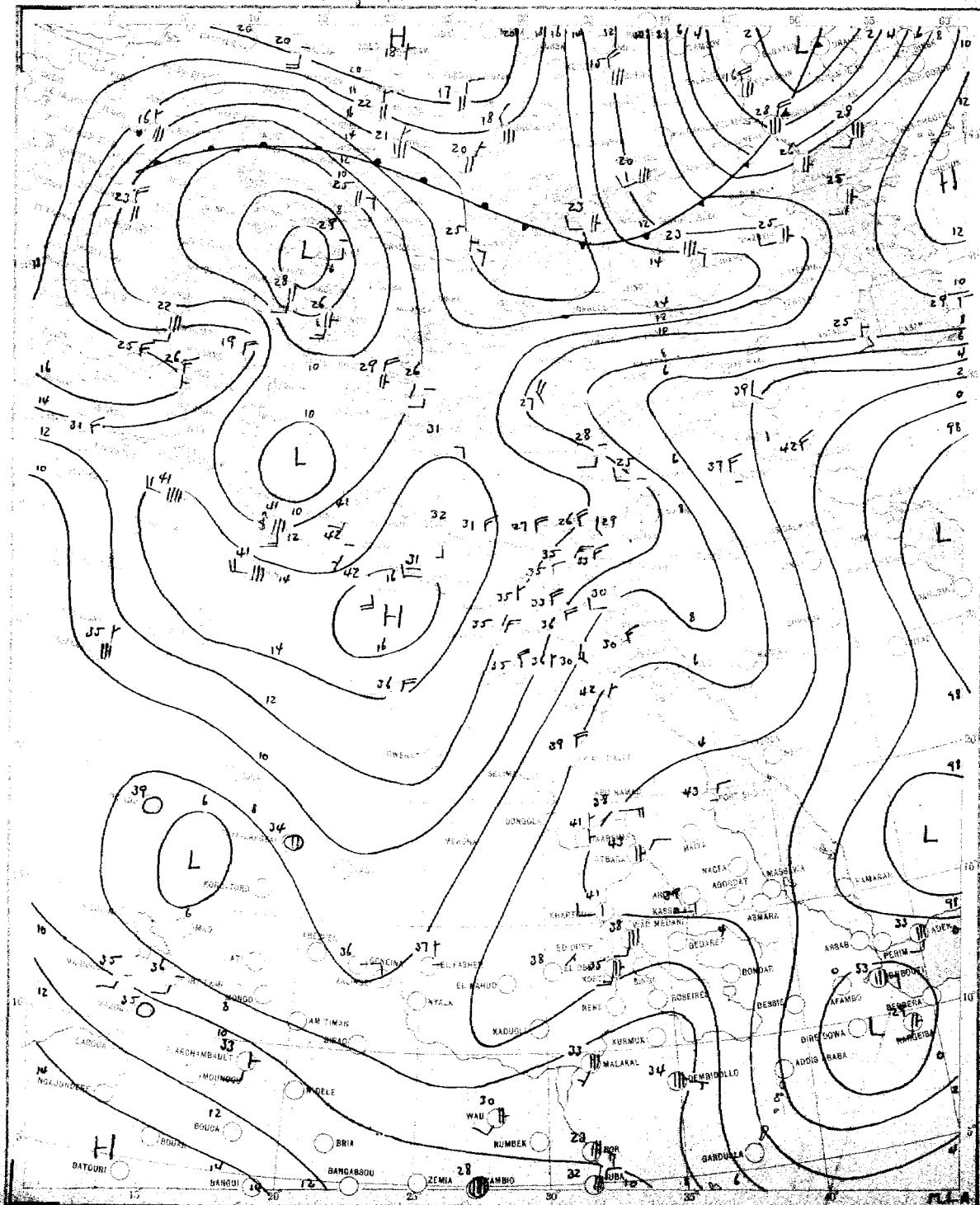
Calm. Wind speed 5 knots. Wind speed 10 knots. Wind speed 25 knots.

Wind speed 50 knots. Wind speed 85 knots. Wind speed 125 knots.

TEMPERATURE: In whole degrees centigrade

CHART 1

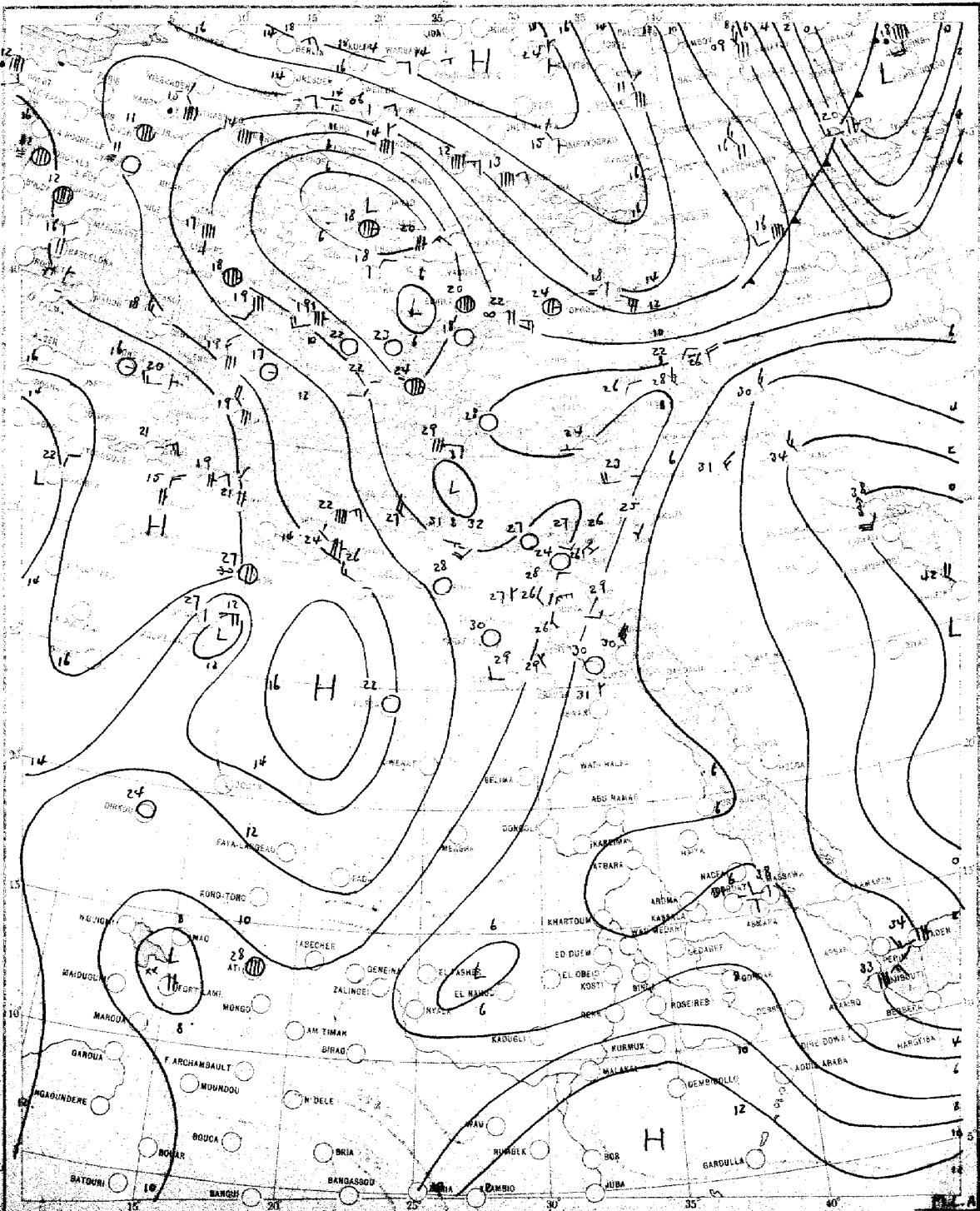
DATE Friday 4/16/1954 TIME 1200 UT



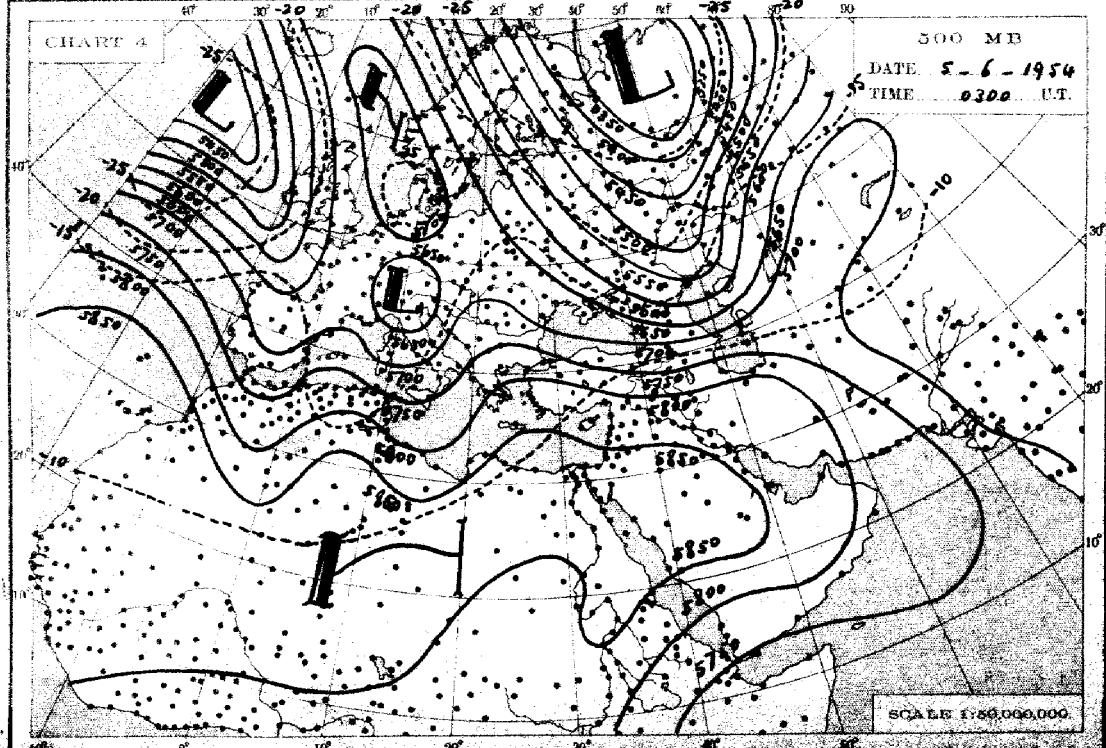
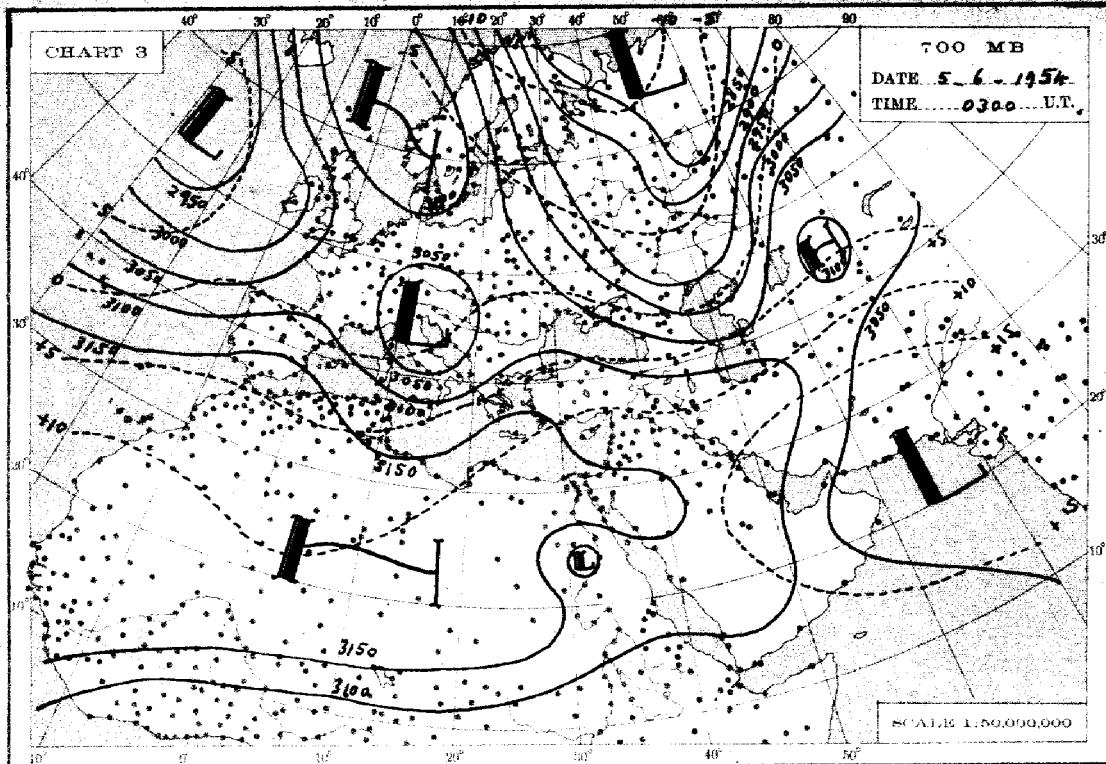
SCALE 1:20,000,000

CHART 2

DATE Saturday 5/16/44 TIME 0600 U.T.



SCALE 1:20,000,000



# THE DAILY WEATHER REPORT\*

REPUBLIC OF EGYPT - METEOROLOGICAL DEPT. - CAIRO

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE 1:20,000,000; Projection Conical orthomorphic with two standard parallels 30° & 60° N.

BAROMETRIC PRESSURE: M. S. L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station.

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N. octas)

clear sky.

sky 1/8 covered. sky 1/4 covered. sky 1/2 covered.

sky 3/8 covered. sky 1/2 covered. sky 5/8 covered.

sky 7/8 covered. sky 1/2 covered. sky obscured.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

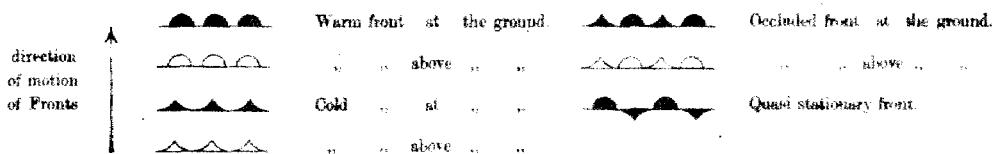
Rising sand. Sand or Duststorm. Mist. Fog. Haze.

Drizzle. Rain. Showers of Rain. Showers of Hail. Showers of Snow.

Lightning. Thunderstorm. Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: On surfaces of separation between different air masses.



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines)

Isotherms ... ° ... ° ... 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

Calm.

Wind speed 5 knots.

Wind speed 10 knots.

Wind speed 25 knots.

Wind speed 50 knots.

Wind speed 85 knots.

Wind speed 125 knots.

TEMPERATURE: In whole degrees centigrade

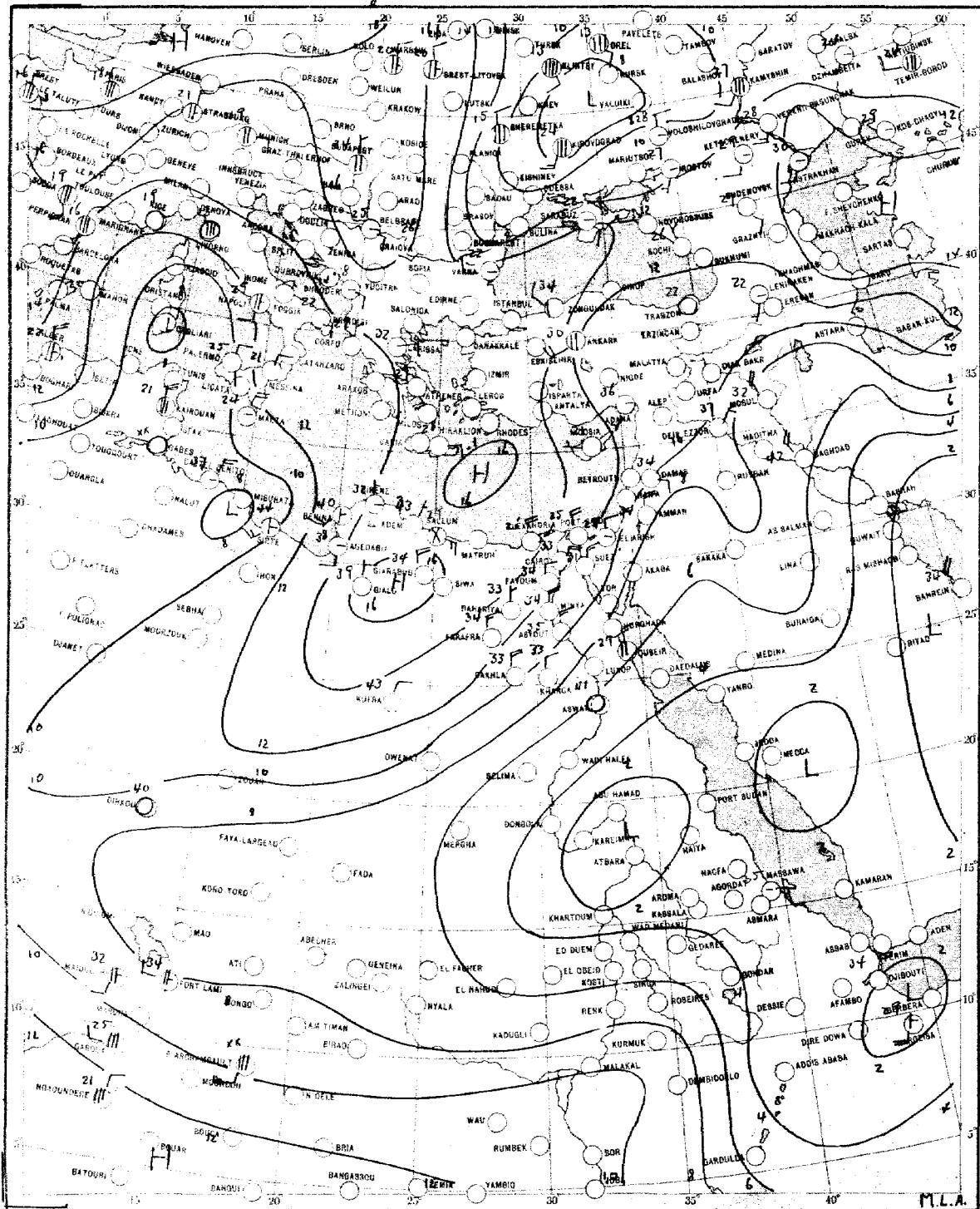
CHART 1

DATE Thursday 3/16/1954

TIME

1200

U.T.

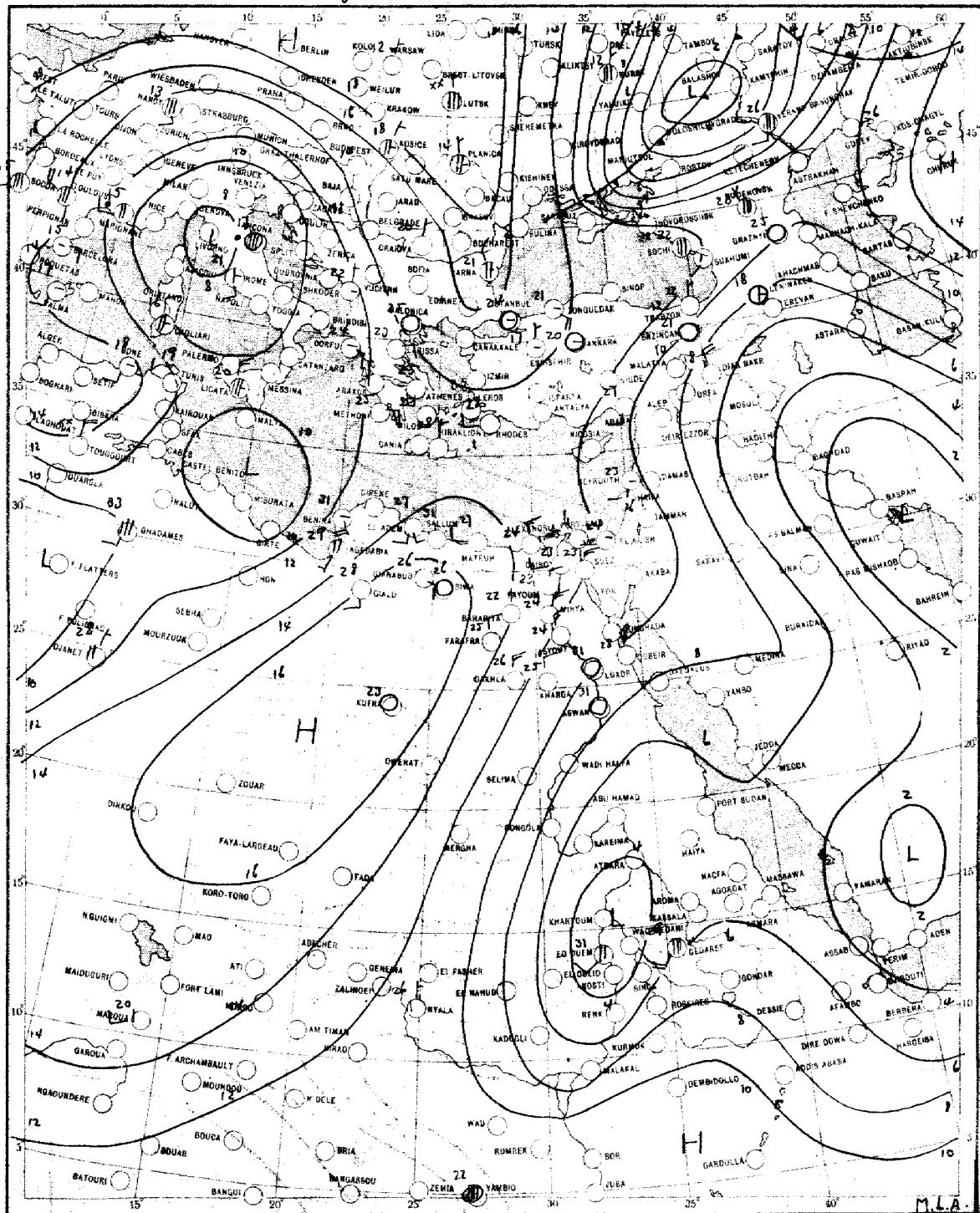


SCALE 1:20,000,000

M.L.A.

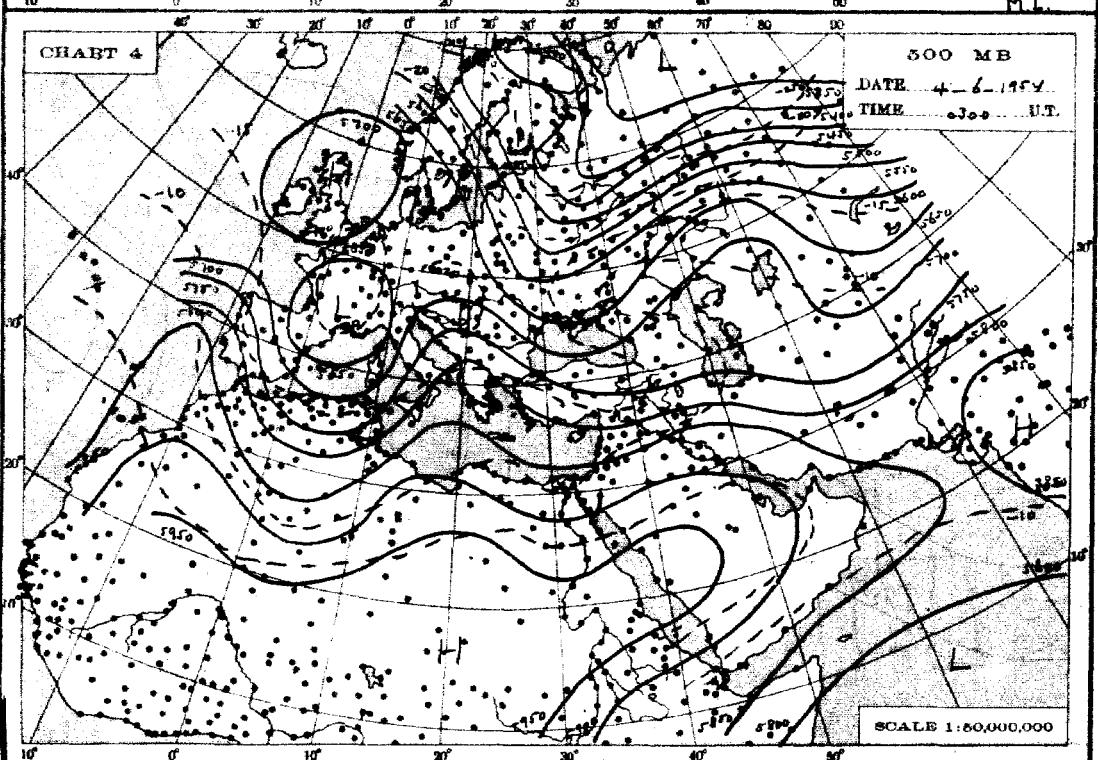
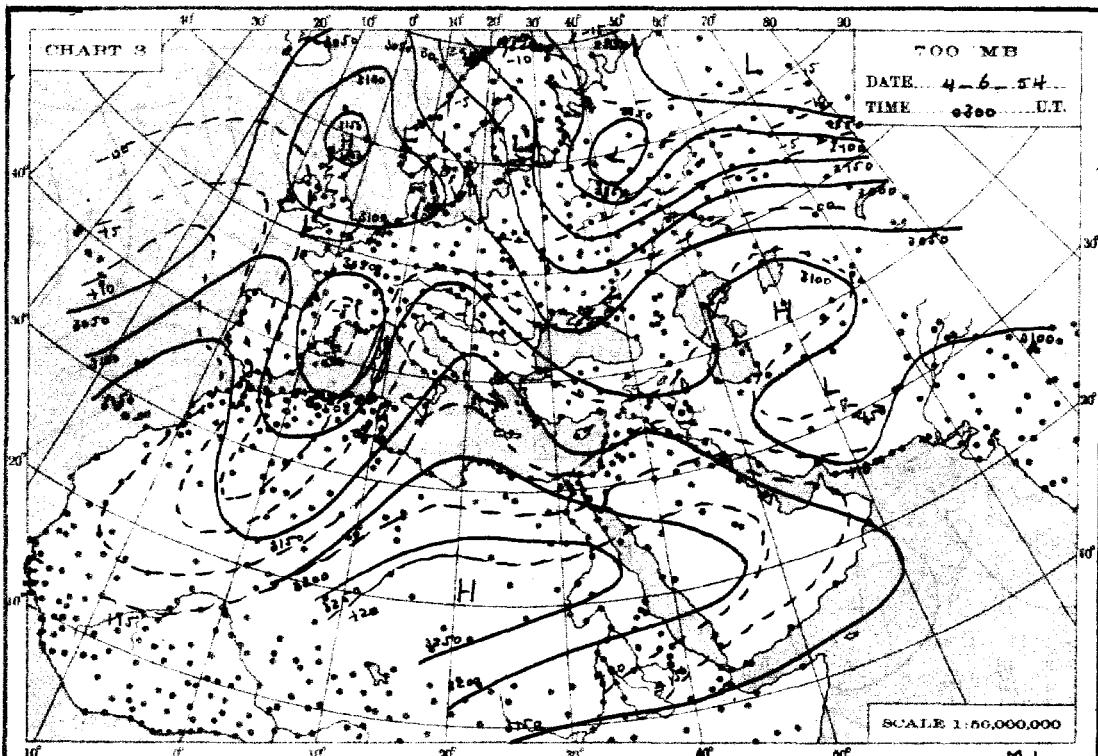
CHART 2

DATE Friday 4/16/1954 TIME 0600 U.T.



SCALE 1:20,000,000

M.L.A.



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT

## SYNOPTIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:20,000,000; Projection Conical orthomorphic with two standard parallels 30° & 60° N.

BAROMETRIC PRESSURE: M. S. L. Isobars are drawn every 2 millibars.

WIND: Arrows fly with the wind. A full length feather indicates 2 steps on the Beaufort scale, and a short feather one step. Calm is indicated by a circle outside the station. ◎

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: (Total amount N octas) ◎ clear sky.

◎ sky 1/8 covered. ◎ sky 1/4 covered. ◎ sky 1/2 covered.

◎ sky 3/8 covered. ◎ sky 5/8 covered. ◎ sky 7/8 covered.

◎ sky 1/2 covered. ◎ sky 3/4 covered. ◎ sky obscured.

PRESENT WEATHER SYMBOLS: Inserted to the left of station circle.

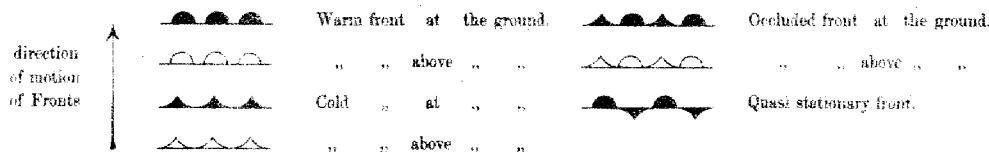
↑ Rising sand. → Sand or Duststorm. = Mist. ☁ Fog. ☀ Haze.

↓ Drizzle. • Rain. ♀ Showers of Rain. ♀ Showers of Hail. ♀ Showers of Snow.

⚡ Lightning. ⚡ Thunderstorm. ↗ Snow.

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

FRONTS: Or surfaces of separation between different air masses.



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000; Projection (same as Charts 1 & 2).

Contours are drawn every 50 g.p.m. of Altitudes (Continuous lines).

Isotherms ... .. .. 5° C. (Broken lines).

WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

◎ Calm. ↗ ◎ Wind speed 5 knots. ↗ ◎ Wind speed 10 knots. ↗ ◎ Wind speed 25 knots.

↗ ◎ Wind speed 50 knots. ↗ ◎ Wind speed 85 knots. ↗ ◎ Wind speed 125 knots.

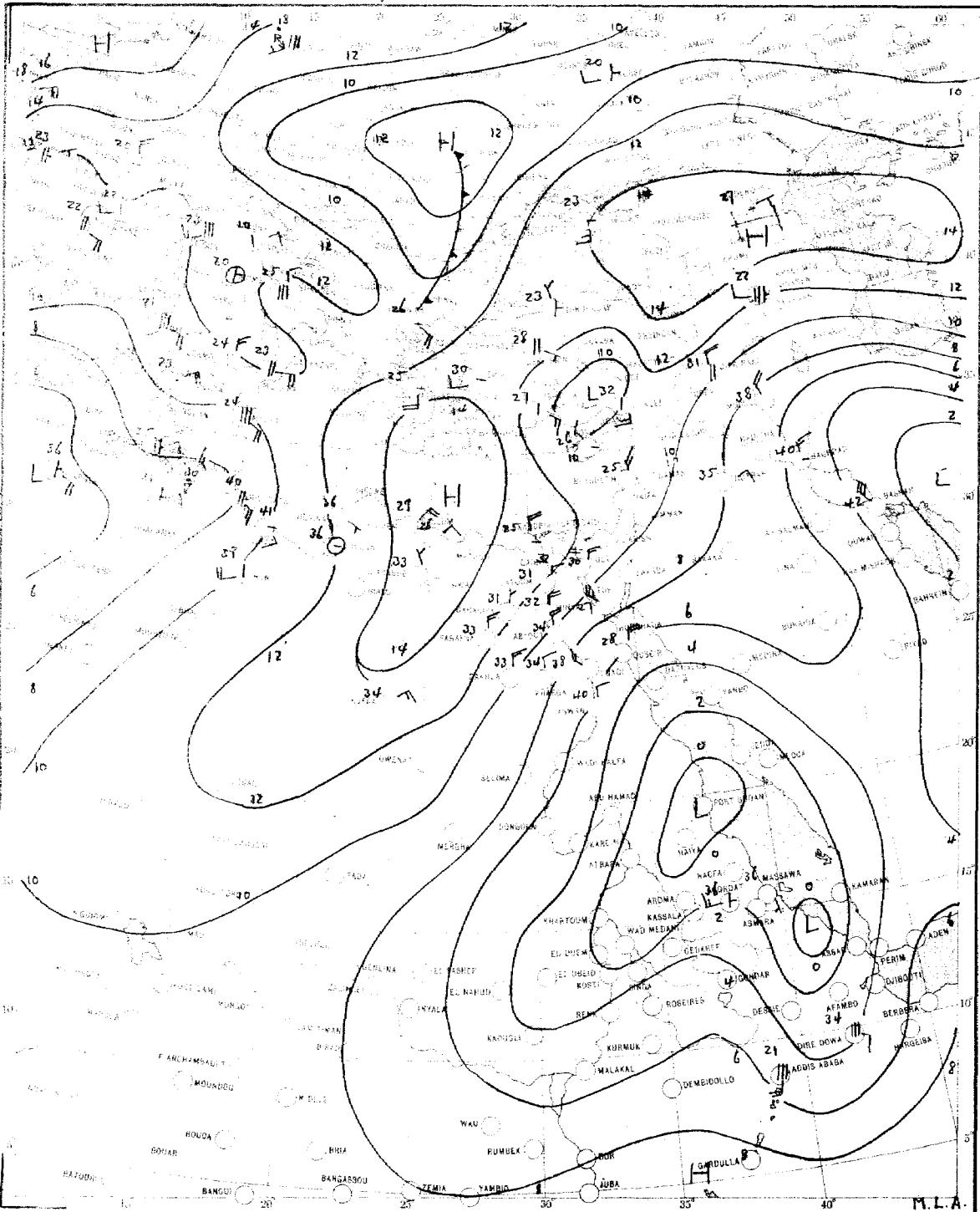
TEMPERATURE: In whole degrees centigrade

CHART 1

DATE Wednesday 216 Dec 4

TIME 1200

UT



SCALE 1:20,000,000

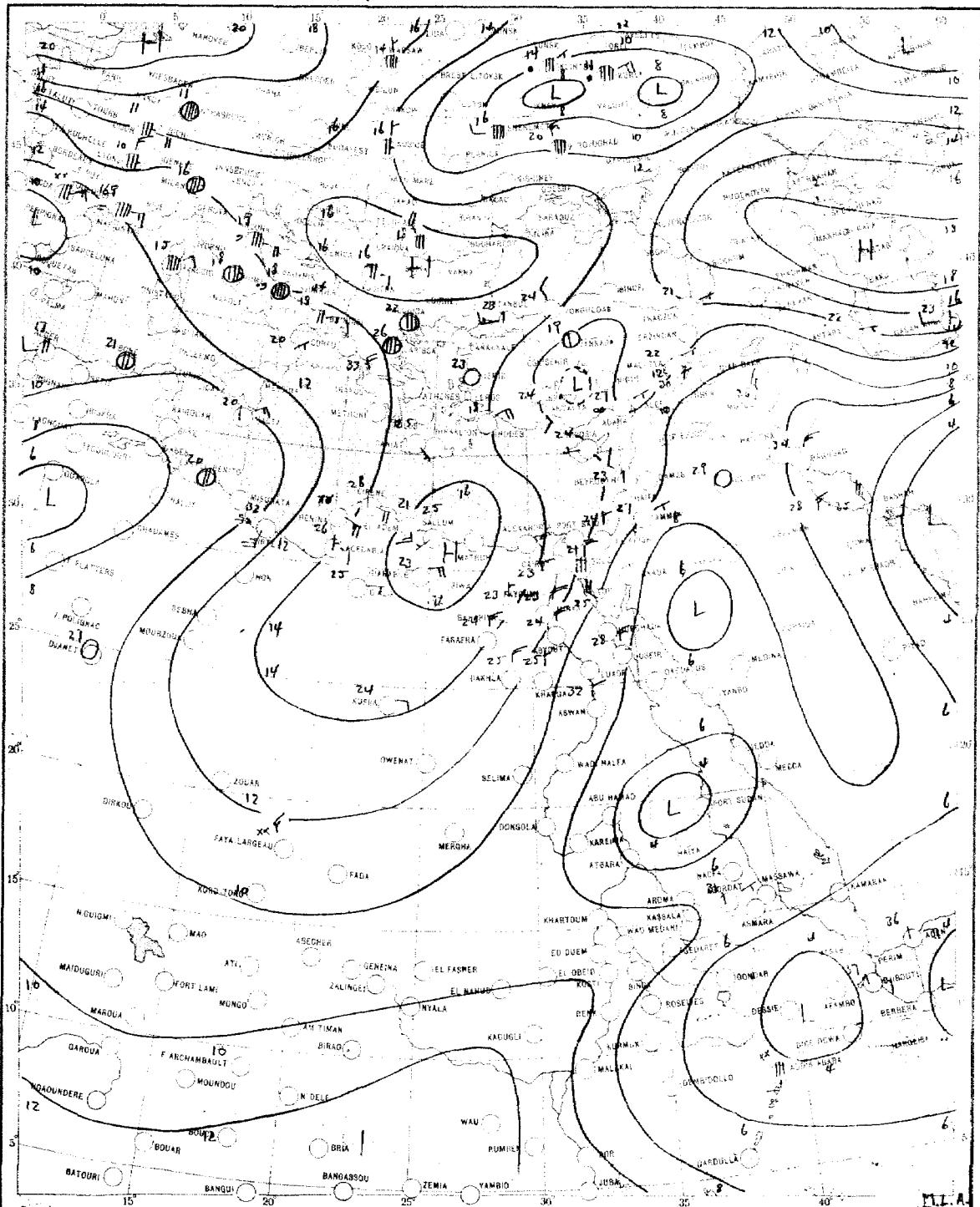
M.L.A.

CHART 2

DATE Thursday 3/16/1964 TIME

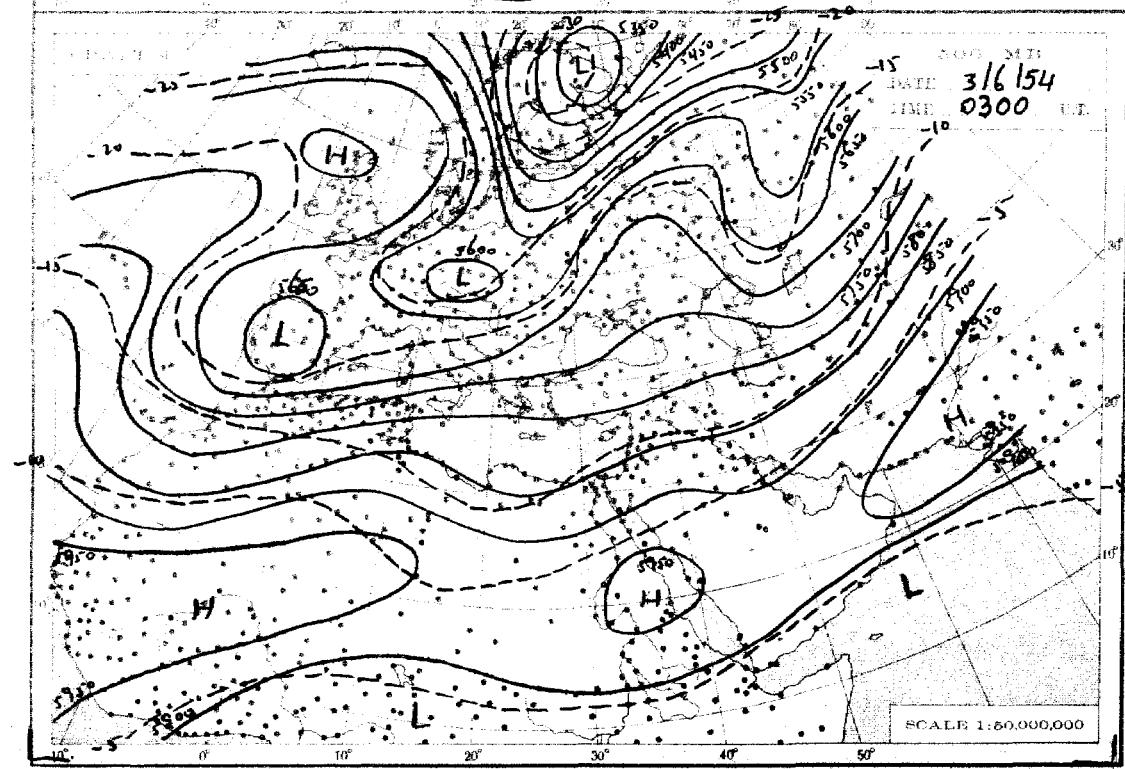
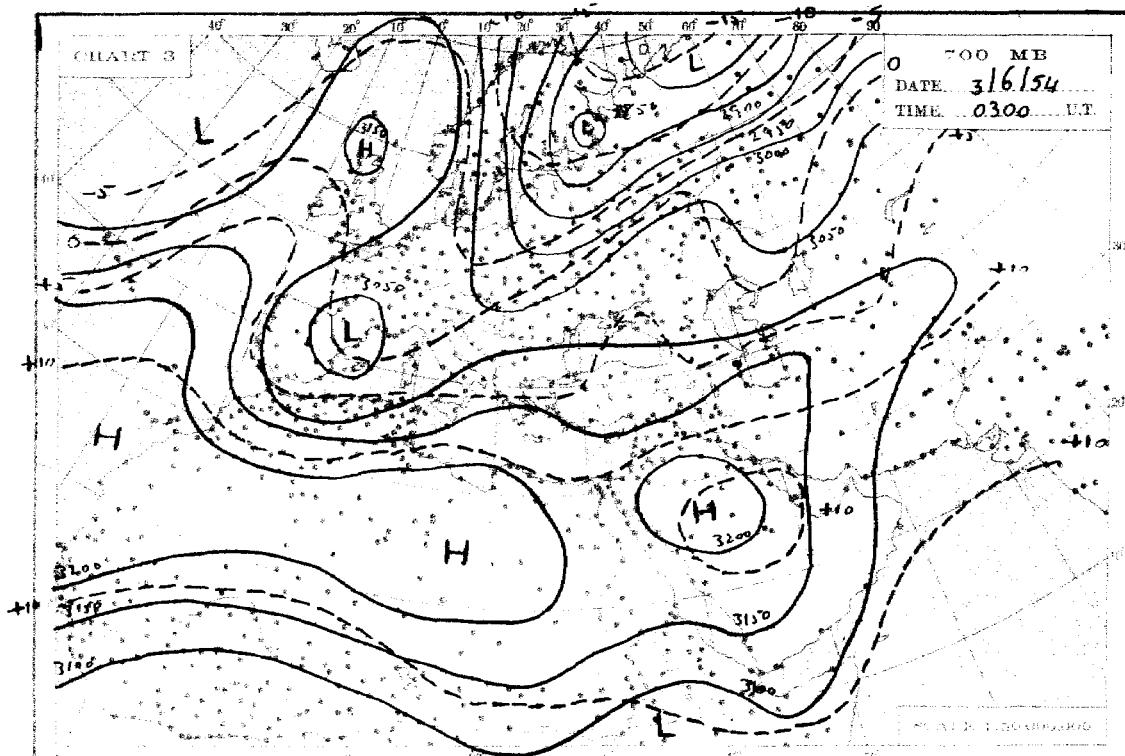
0 600

UT.



SCALE 1:20,000,000

M.L.A.



# THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT - CAIRO - EGYPT  
SYNOPTIC CHARTS

## EXPLANATIONS:

### CHARTS 1 & 2 (Surface Charts)

SCALE: 1:100,000,000. Projection Conical orthographic with two standard parallels 30° & 36° N.

BAROMETRIC PRESSURE: In 21 hours we lower every 1 millibars.

WIND: Arrows by with the wind. A full length feather indicates 10 steps on the bezeloid scale, and a short feather one step. Color is indicated by a circle outside the station.

TEMPERATURE: In whole degrees centigrade inserted inside the station circle.

CLOUD SYMBOLS: Total amount of cloud.

over the covered. sky is covered. sky is half covered.

sky is covered. sky is half covered. sky is covered.

sky is covered. sky is half covered. sky unclouded.

PREDICT WEATHER SYMBOLS: Inserted to the left of station circle.

	Hurricane	Sudden Invasion	Miss.	Front	Tide	UK	Heat
Symbol							
Meaning	Hurricane	Kite	Miss.	Shower of Rain.	Appearance of Mist.	Sea level	Excessive heat
Indication							

Note: These symbols indicate the nature of the phenomena, but not the intensity or duration.

FRONTS: On surfaces of separation between different air masses

	Wet front	Wind front on the ground.	Dry front	Cloud front on the ground
Wet front				
Cloud front				
Dry front				
Cloud front				

### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:50,000,000. Projection (same as Charts 1 & 2).

Contours: gradient every 50 pms or thousand (continuous lines).

Isotherm:  $10^{\circ}, 15^{\circ}, 20^{\circ}$  (broken lines).

WIND: Arrows by with the wind. A full length feather indicates 10 steps on the bezeloid scale, and a short feather 1 step. Color is indicated by a circle outside the station.



TEMPERATURE: In whole degrees centigrade

## CHART 1

DATE Monday 1st of June 1954

TIME 12.00

U.T.

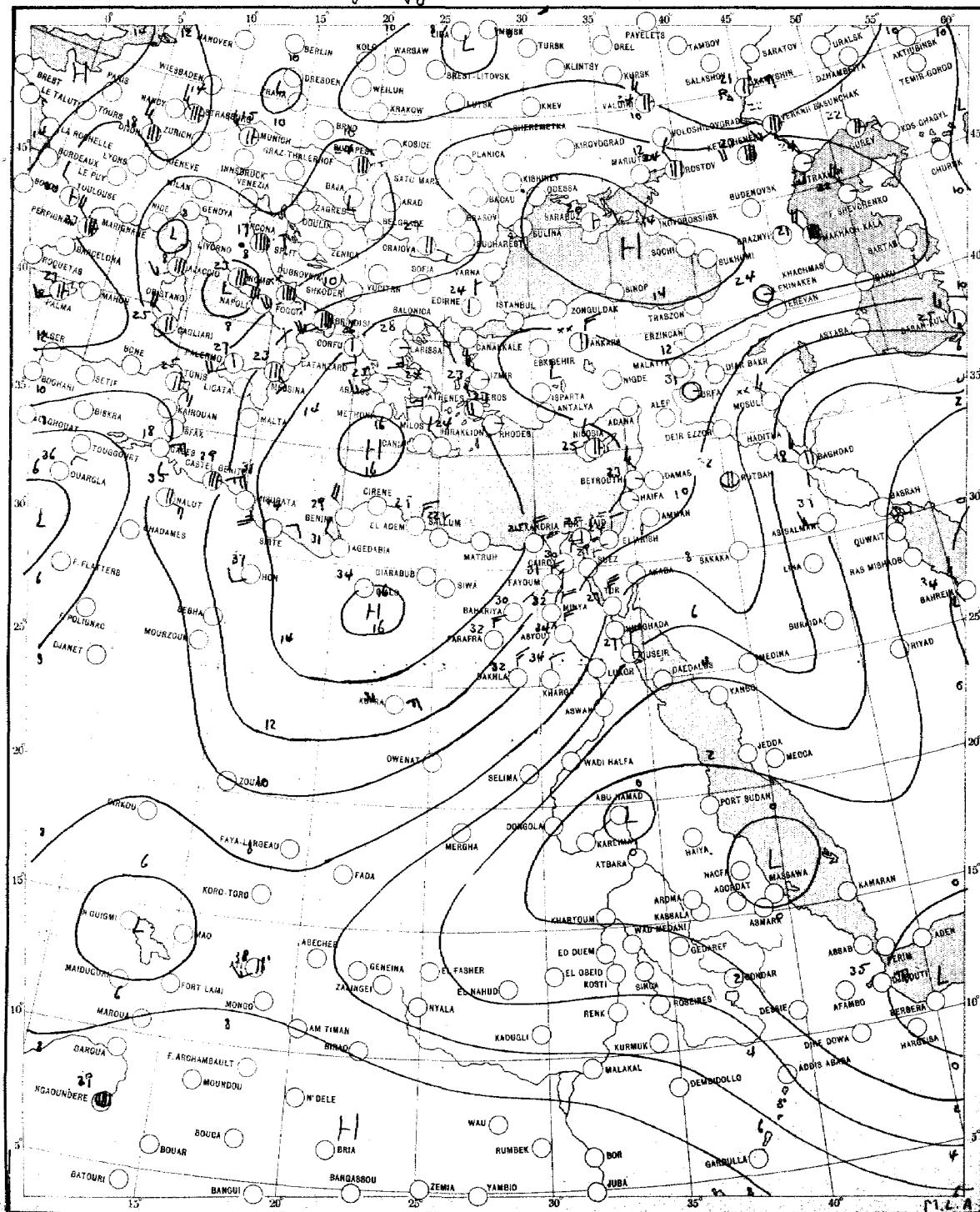
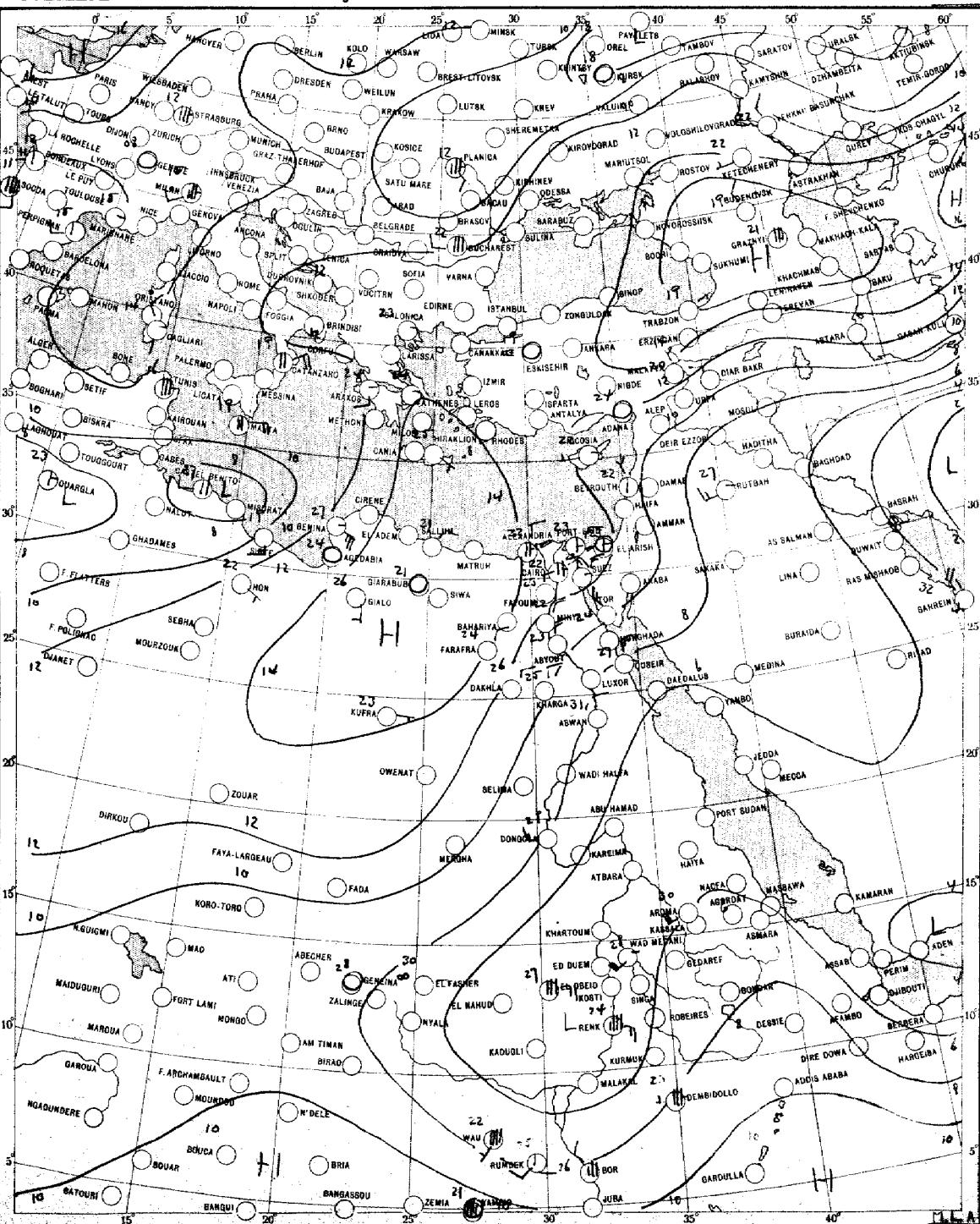


CHART 2

DATE Tuesday 2/6/1954 TIME 0600

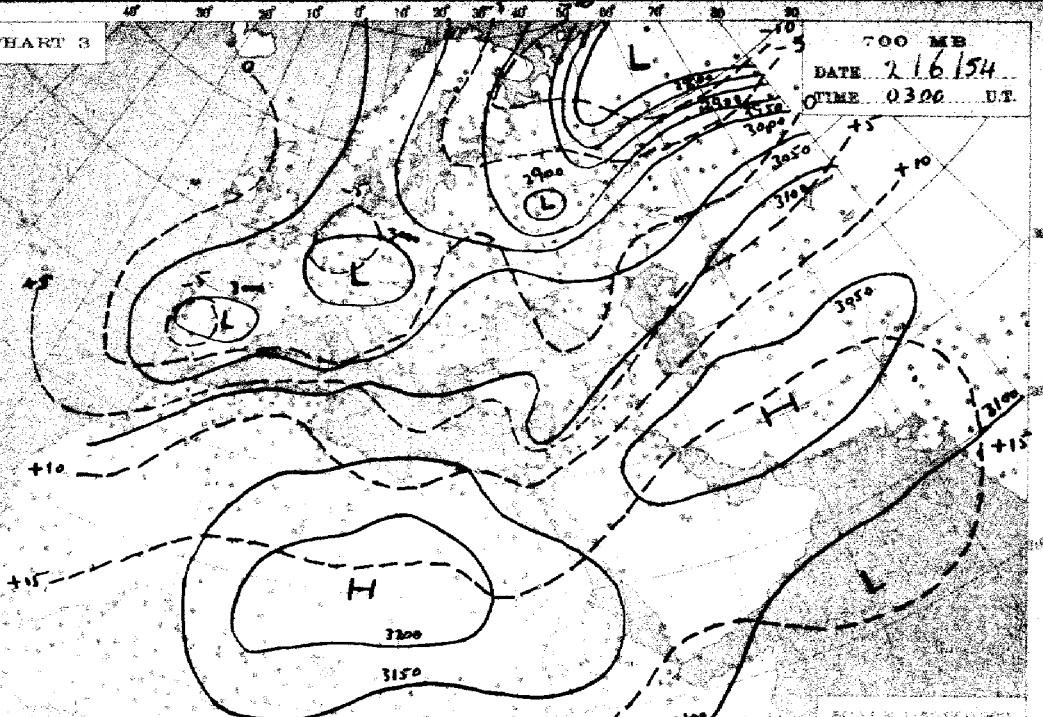
U.T.



SCALE 1:20,000,000

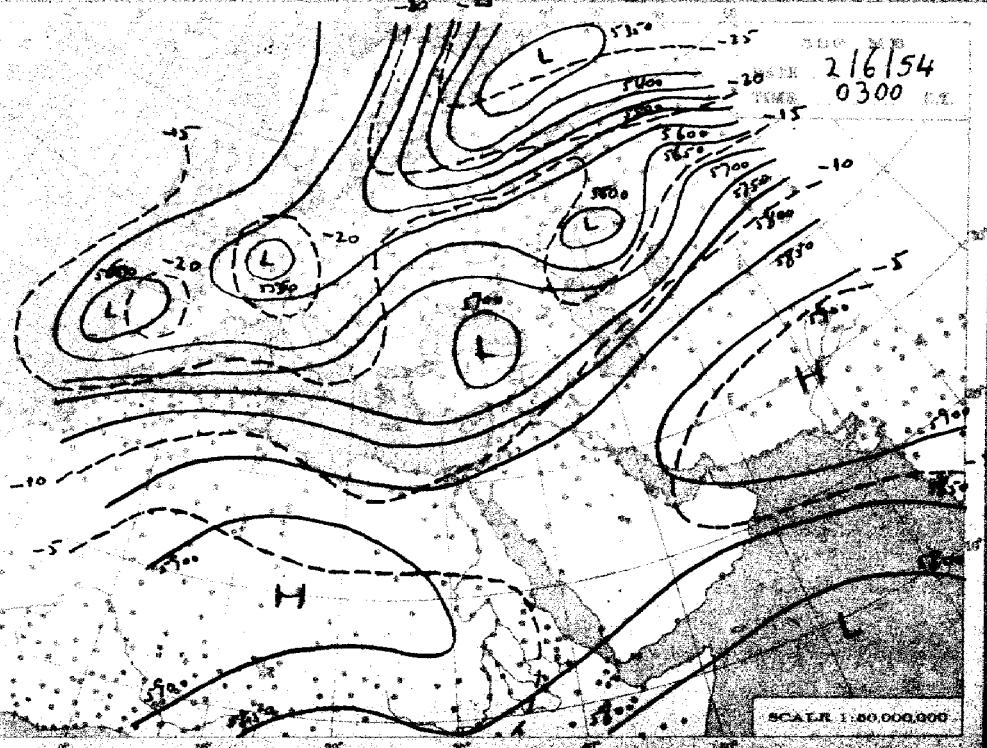
CHART 3

700 MB  
DATE 216/54  
TIME 0300 UT



ROUNDT 2 POSITION

700 MB  
216/54  
0300 Z



SCALE 1:50,000,000

# THE DAILY WEATHER REPORT

HYDROLOGICAL DEPARTMENT - CAIRO - EGYPT

## ATMOSPHERIC CHARTS

### EXPLANATIONS:

#### CHARTS 1 & 2 (Surface Charts)

1. A full length arrow indicates wind direction and speed measured outside the station.

2. Isotherms (isobars) are drawn every 2° Celsius.

3. Isobars of wind speed 10 knots, and greater, indicate influence of air on the weather, have wind speeds from 10 to 30 knots. Below is a list of wind speeds the stations are subject to.

WIND SPEEDS: 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120, 125, 130, 135, 140, 145, 150, 155, 160, 165, 170, 175, 180, 185, 190, 195, 200, 205, 210, 215, 220, 225, 230, 235, 240, 245, 250, 255, 260, 265, 270, 275, 280, 285, 290, 295, 300.

#### CHART SYMBOLS: Wind direction is indicated by an arrow.

- (a) up (b) down (c) left (d) right (e) straight (f) cross (g) oblique.
- (h) up (i) down (j) left (k) right (l) straight (m) cross (n) oblique.
- (o) up (p) down (q) left (r) right (s) straight (t) cross (u) oblique.

#### WEATHER ELEMENTS: Indicated in the left of diagram above

	Wind direction	Cloud	Sea	Land	Cloud	Sea	Land
(a)	Westerly	Clear	Sky	Sky	Shower or Rain	Sea	Sea
(b)	Westerly	Cloudy	Cloudy	Cloudy	Shower or Rain	Sea	Sea
(c)	Westerly	Cloudy	Cloudy	Cloudy	Shower or Rain	Sea	Sea

Note: These symbols show the nature of the phenomena, but not the intensity or duration.

CHARTS 3 & 4: Same base as chart 1 except air pressure.

	Convectional	Local	Widespread	Convectional	Local	Widespread
(a)	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
(b)	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
(c)	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
(d)	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms



#### CHARTS 3 & 4 (Upper Air Charts)

SCALE: 1:30,000,000 Projection (same as Charts 1 & 2).

Contours are drawn every 50 meters of Altitudes (Continuous lines).

Isotherms 10°, 15°, 20°, 25° C (Broken lines).

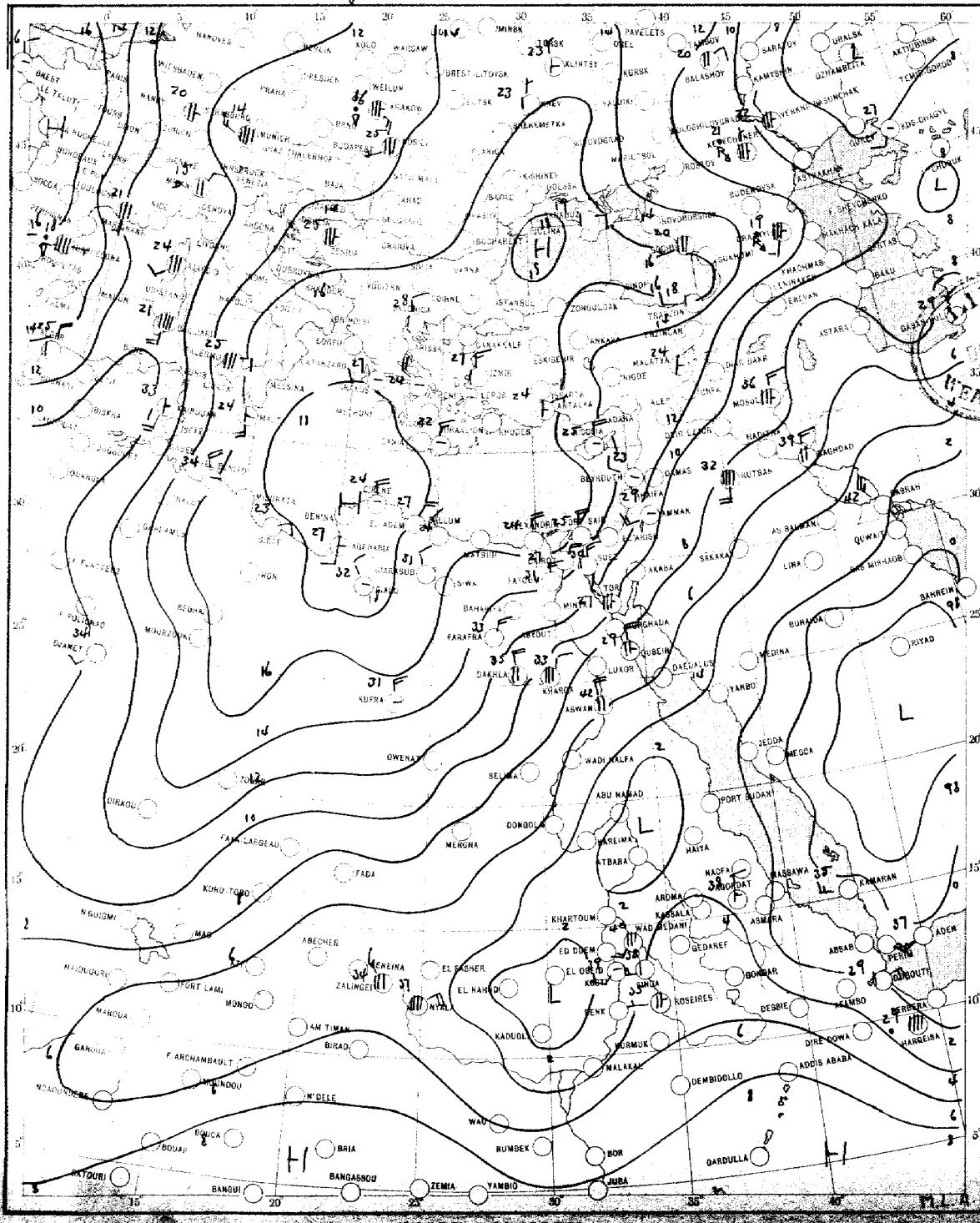
WIND: Arrows fly with the wind. A full length feather indicates 10 knots, and a short feather 5 knots. Calm is indicated by a circle outside the station.

- (a) Calm.
- (b) Wind speed 5 knots.
- (c) Wind speed 10 knots.
- (d) Wind speed 15 knots.
- (e) Wind speed 20 knots.
- (f) Wind speed 25 knots.
- (g) Wind speed 30 knots.
- (h) Wind speed 35 knots.
- (i) Wind speed 40 knots.
- (j) Wind speed 45 knots.
- (k) Wind speed 50 knots.
- (l) Wind speed 55 knots.
- (m) Wind speed 60 knots.
- (n) Wind speed 65 knots.
- (o) Wind speed 70 knots.
- (p) Wind speed 75 knots.
- (q) Wind speed 80 knots.
- (r) Wind speed 85 knots.
- (s) Wind speed 90 knots.
- (t) Wind speed 95 knots.
- (u) Wind speed 100 knots.
- (v) Wind speed 105 knots.
- (w) Wind speed 110 knots.
- (x) Wind speed 115 knots.
- (y) Wind speed 120 knots.
- (z) Wind speed 125 knots.

TEMPERATURE: In whole degrees centigrade.

## CHART 1

DATE Monday 31/5/1954 TIME 1200 U.T.



SCALE 1:20,000,000

107

## CHART 2

DATE Tuesday First of June 1944

TIME

0600

U.T.

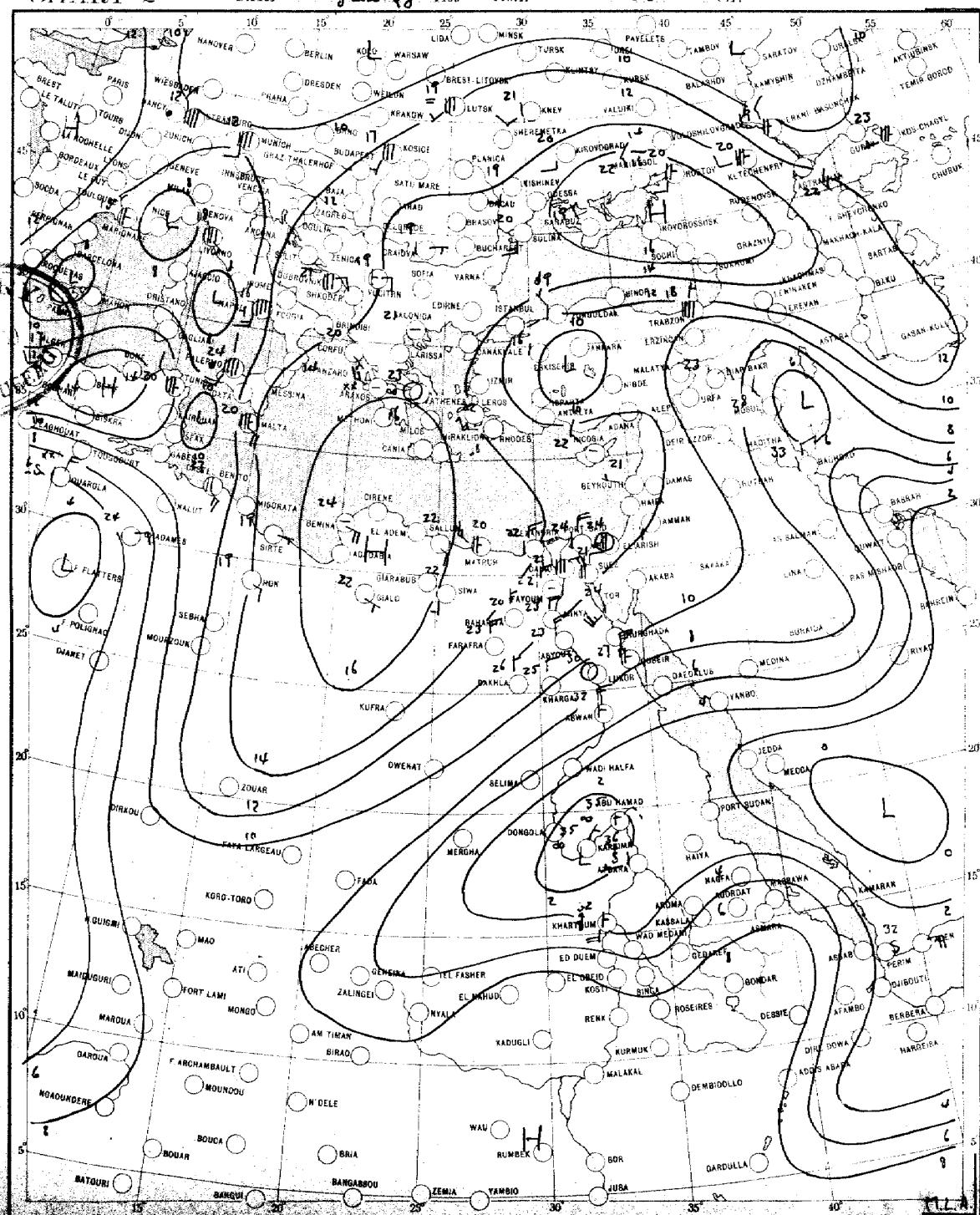
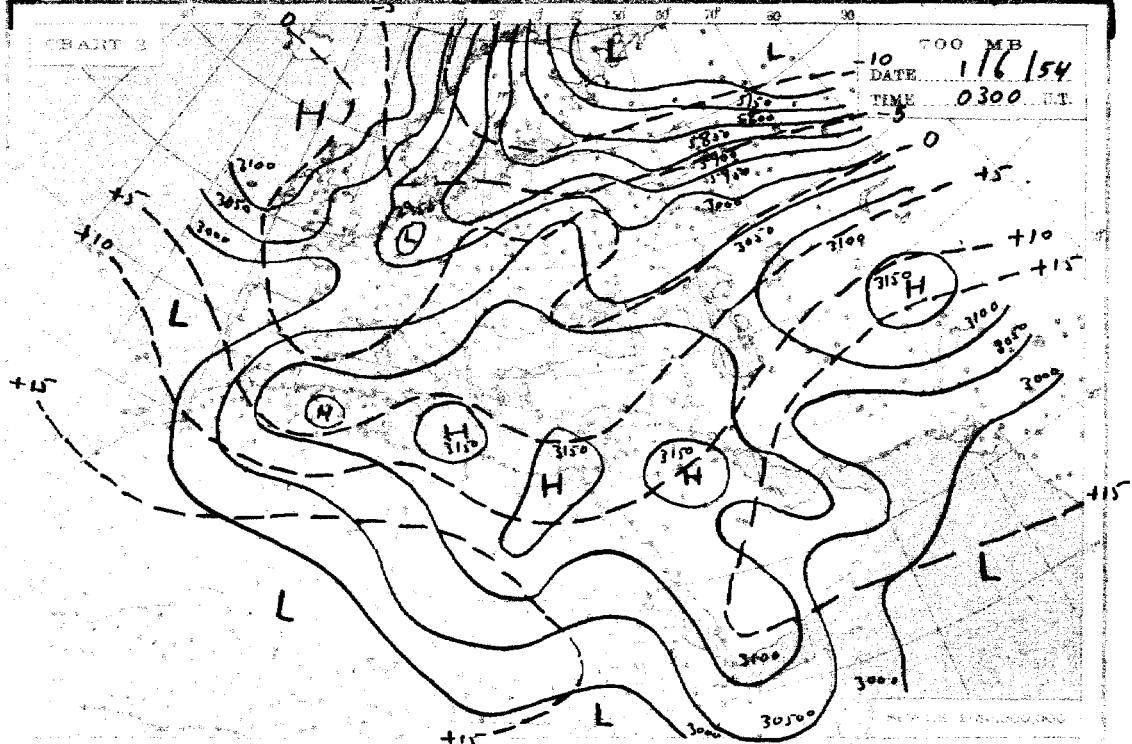


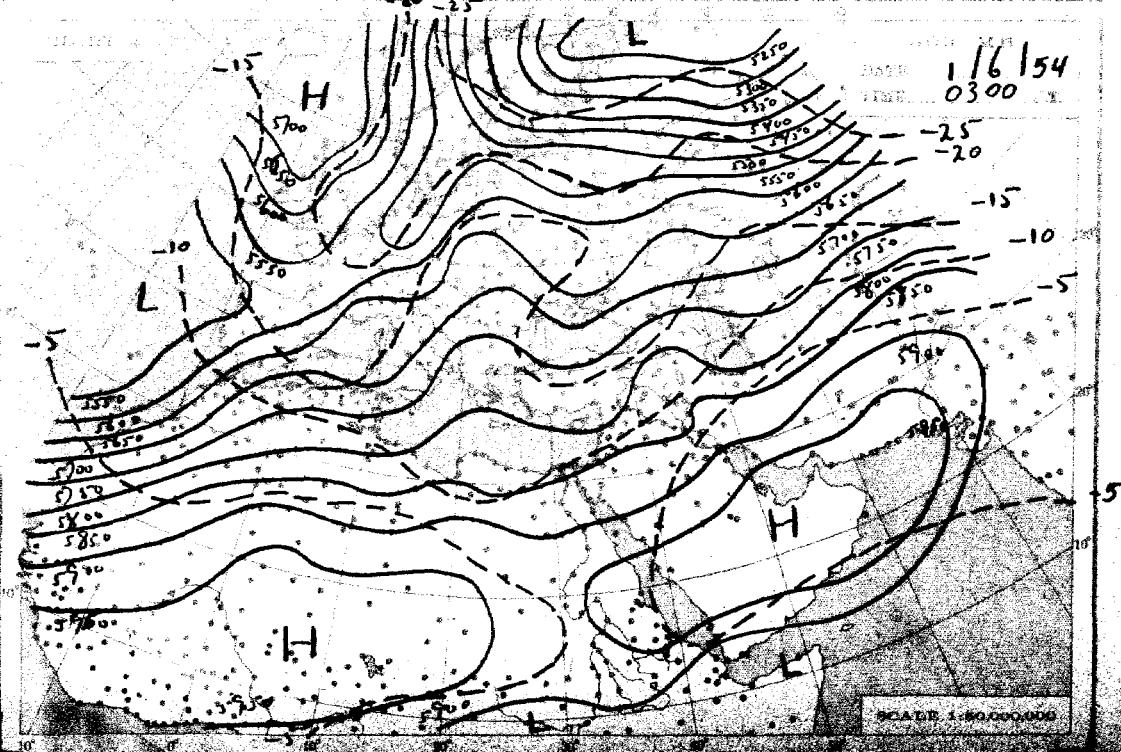
CHART 3

700 MB

DATE 1/6/54  
TIME 0300 LT.



DATE 1/6/54  
TIME 0300



SCALE 1:4000000